Science, Technology, Engineering, Math, and Environment

Welcome to the Science, Technology, Engineering, Math, and Environment program group! This group includes programs for Astronomy, Biology, Chemistry, Computer Science, Engineering, Environmental Studies, Geography, Geology, Horticulture, Mathematics, Occupational Safety and Health/Radiation Safety, Physics, Viticulture and Winery Technology. We look forward to supporting your learning by providing opportunities for you to discover, clarify, and enter your pathway. Each program map provides you with career and labor market information along with recommended course sequencing to support you in achieving your academic and career goals.

Certificates and Degrees Map

Degrees

Biology
Associate in Science for Transfer   >

Geography
Associate in Arts for Transfer   >

Geology
Associate in Science for Transfer

Mathematics
Associate in Science for Transfer

Biology
Associate in Arts

Biology UC Pathway
Associate in Science

Biology: Allied Health
Associate in Arts

Chemistry
Associate in Science

Chemistry Education
Associate in Science

Civil/Mechanical Engineering
Associate in Science

Computational Biology
Associate in Arts

Computer Science
Associate in Science

Electrical Engineering
Associate in Science

Electrical Engineering UC Pathway
Associate in Science

Engineering

Associate in Science

Engineering Technology
Associate in Science

Enology
Associate in Science

Environmental Science
Associate in Science

Environmental Studies
Associate in Arts

Horticulture
Associate in Science

Liberal Arts & Sciences: Mathematics and Science
Associate in Arts

Mechanical Engineering UC Pathway
Associate in Science

Occupational Safety and Health
Associate in Science

Physics
Associate in Science

Software Engineering
Associate in Science

Viticulture
Associate in Science

High Unit Certificates   ≥ 18.0 units

Biology UC Pathway
Certificate of Achievement

>

Civil/Mechanical Engineering
Certificate of Achievement

>

Computational Biology
Certificate of Achievement

>

Computer Programming
Certificate of Achievement

>

Computer Programming for the Web
Certificate of Achievement

>

Electrical Engineering
Certificate of Achievement

>

Electrical Engineering UC Pathway
Certificate of Achievement

>

Engineering
Certificate of Achievement

>

Engineering Technology
Certificate of Achievement

>

Enology
Certificate of Achievement

>

Landscape Design
Certificate of Achievement

>

Landscape Maintenance and Construction
Certificate of Achievement

>

Management Information Systems

>

Certificate of Achievement

Mechanical Engineering UC Pathway
Certificate of Achievement

Nursery, Greenhouse, and Grower Operations
Certificate of Achievement

Software Engineering
Certificate of Achievement

Viticulture
Certificate of Achievement

Low Unit or Noncredit Certificates   < 18.0 units

Geology
Certificate of Achievement

Geology Major
Certificate of Achievement

Occupational Safety
Certificate of Achievement

Occupational Safety and Health
Certificate of Achievement

Ornamental Horticulture
Certificate of Achievement

Wine Hospitality
Certificate of Achievement