

NATURAL RESOURCES ASSOCIATE OF SCIENCE

The Natural Resources Associate of Science degree offers an introduction to the Earth's physical and life science systems through the application of scientific principles, problem solving techniques and critical thinking, with an emphasis on hands-on, experiential learning to address modern issues with our natural systems and society. Students will study relationships among natural systems, earth resources and society as applied to understanding biodiversity, our changing climate, and resource management. Students can use the Natural Resources Associate of Science degree to build their resume in support of finding their next local job, or it can prepare students for transfer to a four-year institution to major in environmental science or similar field. As with all degree programs, students who intend to transfer to a four-year institution should research the transfer institution's requirements and plan to complete the Cal-GETC pattern. Please check with a counselor for more specific transfer information.

Required Courses – Major

Course Number	Course Name	Units
BIO 255	Botany, Plant Diversity, and Ecology	4
CHM 200	Introduction to Chemistry	5
or CHM 250	General Chemistry I	5
GEO 206	Physical Geography	4
or GEL 201	Geology	3
& GEL 201L	Geology Laboratory	1
NRS 200	Environmental Science	3
STAT C1000	Introduction to Statistics	4

Plus 3 – 4 additional units selected from the following

Course Number	Course Name	Units
AGR 208	Soil Science	4
EAS 211	Weather and Climate	3
PHY 210	General Physics I	4

Total Major Units **23 – 24**

Total Degree Units **60**

Program Level Student Learning Outcomes:

1. Apply problem solving methodology and utilize different laboratory and field techniques in the natural sciences.
2. Apply statistical analyses to address practical problems.
3. Apply natural science tools and methodology relevant to scientific analysis of the earth and its environment.

Career Opportunities in NATURAL RESOURCES

Completing the Natural Resources Associate of Science degree can lead to a variety of opportunities. As a STEM (Science, Technology, Engineering, Mathematics) discipline, the Natural Resources Associate of Science degree is in line with some of the most critical science topics for the 21st century. With a natural resources degree, career opportunities would include but not be limited to environmental scientist, ecologist, sustainable resource manager, park naturalist, and water or air quality scientist.