

## 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 CSU GE Breadth pattern or IGETC GE pattern. Please check with a counselor for more specific transfer information.

### Required Courses – Major:

		<b>Units</b>
BIO 250	Cell and Molecular Biology	4
BIO 255	Botany, Plant Diversity, and Ecology	4
BIO 257	Zoology, Animal Diversity, and Evolution	4
GEL 201	Geology	3
& GEL 201L or GEO 206	Geology Laboratory Physical Geography	1 4
NRS 200	Environmental Science	3
<b>Total Major Units</b>		<b>19</b>
<b>Total Degree Units</b>		<b>60</b>

### *Program Level Student Learning Outcomes:*

1. Experience problem solving and utilizing different techniques in analytic geometry as demonstrated by satisfactory completion of their first semester calculus class.
2. Experience applying different statistical analyses to address practical problems as demonstrated by satisfactory completion of a mathematical statistics class.
3. Experience in laboratory methods and applications of physical chemistry as demonstrated by satisfactory completion of a first semester general chemistry class.
4. Exposure to, and gained knowledge of, basic concepts in geology and related physical science fields that have applications to the earth as demonstrated by satisfactory completion of their earth science elective coursework.

### *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.