

Environmental Science

Associate of Science

Environmental science focuses on issues that are of relevance to all citizens of the United States and all countries. With growth and development comes the need for people trained in environmental sciences that can deal with environmental issues. Sustainable development is a local and regional concern, especially as Nevada's growth continues to lead the nation. The associate of science degree in environmental science is specifically designed to transfer seamlessly into the environmental science curriculum at the University of Nevada, Reno. It will also prepare students for transfer into similar programs at other four-year institutions.

General Education Requirements

Diversity	(3 credits)
NRES 211	
English	6 credits
Required: ENG 101 and 102 or ENG 113 and 114	
Fine Arts	3 credits
Select from: ART 100, 260, 261, THTR 100, 105	
Humanities	3 credits
Required: CH 202	
Mathematics	8 credits
Required: MATH 181 and 182	
Science	12 credits
Required: BIOL 251, CHEM 121 and 122	
Social Science	6 credits
Required: CH 201 and ECON 102	
U.S. and Nevada Constitutions	3 credits
Required: CH 203	
Total General Education Requirements	41 Credits

Core Requirements

BIOL 190/190L	Introduction to Cell and Molecular Biology.....	4
BIOL 191/191L	Introduction to Organismal Biology.....	4
GEOL 101	Physical Geology	5
NRES 100	Principles of Natural Resources and Environmental Sciences.....	3
NRES 210	Environmental Pollution.....	3
NRES 211	Conservation, Humans and Biodiversity	3

Total Core Requirements 22 Credits

Elective Requirements

The student must select at least three credits from the following list.

ENV 299	Special Topics in Environmental Science	2-3
MATH 152	Introduction to Statistics	3
PHYS 151	General Physics I	4
PHYS 180	Physics for Scientists and Engineers I	3
PHYS 181	Physics for Scientists and Engineers II	3

Total Elective Requirements 3 Credits

Total Degree Requirements 66 Credits

Suggested Course Sequence

First Year	Course #	Title	Credits
1st Semester			
Social Science	CH 201	Ancient and Medieval Cultures	3
Science	CHEM 121	General Chemistry I	4
English	ENG 101	Composition I	3
Mathematics	MATH 181	Calculus I	4
Core	NRES 100	Principles of Natural Resources and Environmental Sciences	3
			Total 17
2nd Semester			
Humanities	CH 202	The Modern World	3
Science	CHEM 122	General Chemistry II	4
Social Science	ECON 102	Principles of Microeconomics	3
English	ENG 102	Composition II	3
Math	MATH 182	Calculus II	4
			Total 17
Second Year	Course #	Title	Credits
1st Semester			
Core	BIOL 190/190L	Introduction to Cell and Molecular Biology/Lab	4
U.S. and Nevada Constitutions	CH 203	American Experiences and Constitutional Change	3
Core	GEOL 101	Physical Geology	5
Core	NRES 210	Environmental Pollution	3
			Total 15
2nd Semester			
Fine Arts	ART 100	Visual Foundations	3
Core	BIOL 191/191L	Introduction to Organismal Biology/Lab	4
Science	BIOL 251	General Microbiology	4
Elective	ENV 299	Special Topics in Environmental Science	3
Core/Diversity	NRES 211	Conservation, Humans and Biodiversity	3
			Total 17
			Degree Total 66