

ENVIRONMENTAL SCIENCE

The Associate of Science Degree (AS) in Environmental Science is a degree program intended prepare students to transfer to a four year university to obtain there Bachelor's of Science degree in Environmental Science and its related fields. Environmental Science offers a wide variety of careers in science writing, governmental policy/government agencies, nonprofit organizations, research, education, technology fields, medicine, and the new emerging green careers. This program of study will give the students the basic classes, skills, and confidence to continue their educational goals.

General Education Requirements		Credits
Core I	Communications	9
SP 101	Public Speaking	3
WRIT 101	College Writing I (EN 105)	3
WRIT 201	College Writing II (EN 201)	3
Core II	Mathematics and Science	11
M 121	College Algebra	3
BIOB 160	Principles of Living Systems	3
BIOB 161	Principles Living Systems Lab	1
CHMY 141	College Chemistry I	3
CHMY142	College chemistry Lab I	1
Core III	Arts and Humanities	6
Core IV	Social Sciences	6
Core V	Native American Studies	3
Core VI	Technology	3
Core VII	Health	2
Total General Education credits required for degree		40
Environmental Science Program of Study		Credits
BIOB 170	Principles of Biological Diversity	3
BIOB 171	Principles of Biological Diversity Lab	1
CHMY 143	General Chemistry II	3
CHMY 144	General Chemistry II Lab	1
ENSC 105	Environmental Science	3
SCI 271	Environmental Research	3/5
STAT 216	Introduction to Statics	3
	Elective	3
Total General Education credits required for degree:		21-24
Total credits required for degree		61-64

Environmental Science Learning Outcomes

- To be able to write/discuss an environmental issues in an organized manner and use the proper terminology in the correct context by writing papers and keeping a portfolio.
- To understand the scientific method and standard operating procedures by keeping a lab notebook in all of their science classes.
- Explain how scientific perspective, policy and administrative concerns, and behavioral, social, and humanistic perspectives can be used to illuminate a specific historical and/or contemporary environmental issue.
- To be able to discuss ecology; recognize basic terminology; describe food chains and pertinent terminology; outline the major biogeochemical cycles; describe ecological succession; describe the biosphere and name the major North American biomes.