

# Environmental Technology Program

## Degree Type

Associate in Science



This program emphasizes the cognitive and technical skills needed to enter and advance in environmental technology careers in both the private and public sectors. This is a career field that utilizes the principles of science, engineering, communication and economics to protect and enhance safety, health and natural resources. Students who are interested in pursuing a four-year undergraduate program in Environmental Studies should refer to the [Associate in Arts Environmental Studies concentration](#).

Students who are matriculated and place into developmental math and/or English are required to begin the course sequence in the first semester. Please see an [advisor](#) with questions.


**Learn more about the program and apply at** [Associate in Science - Environmental Technology](#)

## Requirements



### First Semester

Item #	Title	Credits
ENL101	English Composition I	3
	CHM106 or CHM109 or CHM151	4
ENV118	Introduction to Environmental Science	4
		
COM103	Human Communication	3
	Behavioral & Social Sciences	3

### Second Semester

Item #	Title	Credits
ENL102	English Composition II	3
ENV121	Introduction to Earth Science	4
		
ENV101	Survey of Environmental Technology	3
	ENV115 or CHM152	3-4
	Behavioral & Social Sciences	3

### Third Semester

Item #	Title	Credits
	MAT130 or MAT150	3
ENV125	Coastal Ecology	3
	ENV163 or ENV128	3
	STEM Elective	3
	STEM Elective	3

## Fourth Semester

Item #	Title	Credits
ENV158	Occupational Health and Safety (OSHA) through Hazardous Waste Management	3
	ENV201 or SCI261 or BIO199	1-4
	STEM Elective	3
	STEM Elective	3
ENV260	Environmental Technology Internship/Cooperative Experience	1-4
<b>Total Credits</b>		<b>60-65</b>

## Career Outlook

Graduates will be trained at the technical level for fields such as hazardous waste clean-up, site assessment, water quality, air quality, wastewater management, environmental compliance, solid waste management, coastal zone management, use of computerized mapping and pollution prevention.

This [occupational profile](#) is provided by O\*NET.

See also: [What can I do with this major?](#)

## Program Outcomes

Upon completion of the Environmental Technology program, students are able to:

- Communicate and discuss current environmental topics and be able to provide an overview of environmental technology
- Apply scientific, technical, and communication skills and knowledge to specific tasks
- Be proficient at using state-of-the-art scientific instrumentation to perform air, water, and soil analysis
- Be certified in 40-hour OSHA for hazardous waste
- Conduct monitoring in the field and demonstrate the ability to analyze the data in a laboratory setting
- Be proficient in a discipline of environmental technology, including coastal zone management, hazardous waste site assessment, geographic information systems, wastewater management, water quality, energy efficiency and/or renewable energy.