

Environmental Science A.S. (ENVS)

The environmental science program will provide graduates with an integrative study of natural systems and the effects of selective pressures, both natural and manmade, that continue to shape these systems. Students that complete this program will be prepared to either enter a four-year program leading to a baccalaureate degree or enter the workforce as an entry-level environmental scientist.

Upon successful completion of this program, graduates will be able to:

- understand the basic science principles and use of the scientific method.
- understand the science behind environmental problems and solutions.
- integrate other subject areas into their understanding of how humans can damage, preserve, or remediate the environment.
- articulate and foster awareness of how human decisions can affect the environment.

Students should consult the catalog of the four-year college or university to which he or she plans to transfer to ensure that degree requirements are being properly met. Transfer information for this program is on file in the Transfer and University Center. For more information, contact an academic advisor or counselor.

First Semester		Credits
BIO 110	General Biology I	4
CHE 111	General Chemistry I	4
ENG 105	Research and Composition	3
ENG 111	Speech	3
MAT 160	College Algebra	3
		17
Second Semester		
BIO 111	General Biology II	4
CHE 112	General Chemistry II	4
ENG 106	Introduction to Literature	3
MAT 165	College Trigonometry	3
Elective	Social Science	3
		17
Third Semester		
CHE 205	Organic Chemistry I	4
BIO 137	Introduction to Environmental Science	4
PHY 201	Physics I	4
Elective	Humanities	3
		15
Fourth Semester		
BIO 116	Topics in Ecology	3
MAT 150	Introduction to Probability and Statistics	3
Elective	Free Elective	3-4
Elective	Social Science/Humanities	3
Elective*	Laboratory Science	4
		16-17
Credit Total		65

Recommended electives:

*BIO 115, BIO 205, BIO 220, CHE 206, PHY 202

Prior Learning Assessment: Previous job training, certificates and work experience that may qualify for college credit (*see academic advisor*).

Gateway Courses: Based on placement testing in reading, writing and math, these prerequisite courses may have to be taken before placement in College English or Mathematics beginning the first semester and concurrently.

RSS 099	Basic Skills Reading	3
RSS 100	Critical Reading	3
ENG 099	Basic Skills Writing	3
ENG 100	Fundamentals of Writing	3
MAT 090	Mathematical Literacy	6
ESL 251	English for Academic Purpose	6

(Required for ESL students only.)

Please note, taking gateway courses will increase your time for completion.