

Environmental Studies (A.S.)

Curriculum Code: 1016

Semester Hours Required for Graduation: 62

PROGRAM GOALS:

This program prepares students for transfer into a Bachelor of Science program in Environmental Studies or a related field. Students should work closely with their academic advisor to determine choice of electives to help ensure articulation with specific transfer colleges. Upon completion of a Bachelor's degree, career opportunities include Natural Resource Specialist, Field Biologist, Environmental Health Technician, Fisheries Technician, and Forest Ranger. The program combines classroom, laboratory, and field study instruction giving students a well-rounded preparation. It is designed to meet the ever-increasing need for well-qualified professionals in this field.

PROGRAM LEARNING OUTCOMES:

- Demonstrate understanding of the methods scientists use to explore natural phenomena (meets SUNY General Education outcomes for the natural sciences).
- Demonstrate skills in scientific techniques and methodology.
- Apply concepts and implement scientific methods to real world environmental issues.
- Demonstrate an understanding of local environmental issues.

ACADEMIC PREPARATION:

It is highly recommended that the following criteria be met to begin this program, and it is REQUIRED by the completion of 24 credits:

12th-grade reading level is required. Placement test scores must indicate readiness to begin EN 101-Composition.

Competency in Pre-Algebra or Pre-Statistics is required.

High School Regent's level science courses in Biology, Chemistry and/or Physics are highly recommended.

LIBERAL ARTS REQUIREMENTS

30 Semester Hours

EN 101	Composition	3
EN 102	Composition and Literature	3
SL ELE	Social Science Electives	12
HU ELE	Humanities Elective	3
SL/HU ELE	Social Science or Humanities Elective	3
MA ELE	Mathematics Elective	3
SC ELE	Lab Science Elective	3

PROGRAM REQUIREMENTS

32 Semester Hours

BI 103	General Ecology	4
BI 113	Environmental Studies	4
CH 101	General Chemistry I	4
CE 101	College Experience	1
GN ELE	General Elective	3
BI 101	General Biology or	
CH 102	General Chemistry II	4
MA ELE	Mathematics Elective	4
MA/SC ELE	Mathematics/Science Electives	8

Minimum Credits **62**

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SUGGESTED PROGRAM SEQUENCE

1st Semester

BI 113	Environmental Studies	4
CE 101	College Experience	1
CH 101	General Chemistry I	4
MA ELE	Mathematics Elective	4
EN 101	Composition	3
Total		16

3rd Semester

MA/SC ELE	Mathematics/Science Electives	8
SC ELE	Science Elective	3
BI 101	General Biology I*	4
SL ELE	Social Science Elective**	3
Total		14

2nd Semester

BI 103	General Ecology	
	or	
CH 102	General Chemistry II*	4
HU ELE	Humanities Elective	3
EN 102	Composition & Literature	3
SL ELE	Social Science Elective	3
MA ELE	Mathematics Elective	3
Total		16

4th Semester

BI 103	General Ecology	
	or	
CH 102	General Chemistry II*	4
GN ELE	General Elective	3
HU ELE	Humanities Elective	
	or	
SL ELE	Social Science Elective	3
SL ELE	Social Science Electives	6
Total		16

*Either BI 101 or CH102 is required.

** HI 125 U.S. Environmental History is recommended.

Transfer opportunities include, but are not limited to: SUNY Plattsburgh, Marist College, SUNY Stony Brook, Paul Smith's College, SUNY Environmental Science and Forestry, (ESF) B.S. in Environmental Studies Program only.