

# Environmental Studies - Science

Degree Type  
B.S.

**Objectives:** To study biology of plants and animals, population biology, geomorphology, aquatic and terrestrial chemistry, atmospheric chemistry, and environmental monitoring; to prepare students to contribute to the understanding, restoration, and preservation of habitats and ecosystems; and to prepare graduates for employment or graduate work in science-related aspects of the environment;

The senior project is fulfilled by ENVS 450.

Item #	Title	Semester Hours
ENVS 100	Intro to Environmental Studies	3
ENVS 200	Environmental Monitoring	4
ENVS 300	Wildlife Monitoring & Mgmt	4
ENVS 450	Seminar in Environmental Studies	3
BIOL 117	General Biology	4
CHEM 111	General Chemistry I	4
CHEM 111L	General Chemistry Lab	0
CHEM 112	General Chemistry II	4
CHEM 112L	General Chemistry II Lab	0
Three Courses from ENVS 205X, ENVS 225, ENVS 322X, ESCI 111, ESCI 201, and GEOG 340		
MATH 151	Calculus I	4
STAT 161	Introduction to Statistics	4
Three Courses from Selected Courses or a Major/Minor in another Discipline		7-14
<b>Total Credits</b>		<b>50-58</b>

## Three Courses from ENVS 205X, ENVS 225, ENVS 322X, ESCI 111, ESCI 201, and GEOG 340

Elective Credits 9-10

Item #	Title	Semester Hours
ENVS 205X	Environment & Planning	3
ENVS 225	Sustainable Agriculture in Appalachia	3
ENVS 322X	Environmental Policy	3
ESCI 111	Physical Geology	4
ESCI 201	Weather & Climate	3
GEOG 340	Geographic Information Systems	3

## Three Courses from Selected Courses or a Major/Minor in another Discipline

Elective Credits 7-14

Three selected courses OR a major or minor in another discipline.

Item #	Title	Semester Hours
BIOL 201	Organismal Biology	4
BIOL 225	Plant Taxonomy	4
BIOL 340	Tropical Biology	4
CHEM 211	Organic Chemistry I	4
CHEM 221	Analytical Chemistry	4
ESCI 202	Geomorphology	3
ENVS 206	Organic Food Production	3
ENVS 350	ST: Environmental Studies	4
ENVS 460	Independent Study	4
ENVS 470	Internship I	6
ENVS 490	Honors Thesis I	3
GEOG 390	Adv Geog Information System	3
MCOM 262	Science Communication	3
PHYS 201	General Physics I	4
	Major or Minor in another discipline	