

# Bachelor of Science in Environmental Science

Code	Title	Units
<b>General Education Requirements</b>		
The student must complete the General Education Requirements of the College of Arts and Sciences for the Bachelor of Science degree.		9
<b>Major Requirements</b>		
ENSS 141P	Introduction to Environmental Science and Studies	1
Choose one of the following:		1
ENSS 218	Environmental Law & Policy	
ECON 104S	Foundations of Economics I	
Choose one of the following:		1
PHIL 317V	Environmental Ethics	
RELS 352V	Nature, the Sacred, and Ethics	
ENSS 301	Geographic Information Systems and Science	1
ENSS 345Q	Statistics for Environmental Professionals	1
or BIOL 243Q	Biostatistics	
<b>Collateral Requirements</b>		
Life Science:		1
BIOL 244	Introductory Biology III: Ecology and Evolution	
Physical Science (choose two from different departments):		2
CHEM 111P	Beyond Fossil Fuels: Alternative Energy Choices	
or CHEM 141P	General Chemistry I	
PHYS 113P	Energy for a Sustainable Future	
or PHYS 121P	College Physics I	
ENSS 230	Introduction to Geology	
Three additional units from the set of elective options within one of the following natural science specialty tracks (some of these courses may have prerequisites). In addition to the courses listed in each track, 1 unit may come from ENSS 395, ENSS 397, or ENSS 398 with the approval of the department chair.		3
<b>Natural Resource Conservation</b>		
*Students in this concentration will also need to take BIOL 142P as a prerequisite for most of these courses. ENSS 141P will serve as a substitute for BIOL 141P for any course on this list that has BIOL 141P as a prerequisite.		
ENSS 230	Introduction to Geology	
ENSS 312	Biogeography	
ENSS 330	Wetlands Systems	
ENSS 331	Envir Geology Appalachian Mtns	
ENSS 335	Geomorphology	
BIOL 305	Flora of Florida	
BIOL 306	Invertebrate Zoology	
BIOL 310	Ornithology	
BIOL 312	Marine Vertebrate Biology	
BIOL 313	Oceanography	
BIOL 333	Limnology	
BIOL 405	Ecology	
BIOL 444V	Conservation Biology	
BIOL 450	Plant Ecology	
<b>Environmental Chemistry</b>		
*Students in this concentration need to take CHEM 141P as their Collateral Requirement Chemistry option.		
CHEM 142P	General Chemistry II	
CHEM 201	Organic Chemistry I	
CHEM 205	Analytical Chemistry	
CHEM 301	Organic Chemistry II	
PUBH 301	Foundations of Environmental Health Science	

<b>Geospatial Analysis</b>		
ENSS 211V	Weather and Climate	
ENSS 230	Introduction to Geology	
ENSS 312	Biogeography	
ENSS 330	Wetlands Systems	
ENSS 325	Climate Adaptation and Planning	
ENSS 335	Geomorphology	
ENSS 402	Landscape Ecology	
MATH 341	Mathematical Modeling and Computer Simulation	
BIOL 444V	Conservation Biology	
PUBH 486	Planning for Healthy Cities	
ENSS 497	Research Proposal	.5
ENSS 498	Senior Research Project	1
ENSS 499	Senior Seminar	0.5
<b>General Electives</b>		<b>10</b>
Total Units		32

## General Education Requirements

All students in the College of Arts and Sciences must meet General Education requirements in addition to specific requirements within the major area of study.

Each student must complete at least four writing or writing enhanced (WE) courses to complete the University Writing Requirement. At least two of these courses must be from General Education. Based upon Admissions application information, students may be placed in ENGL 100; ENGL 100 will count toward the Writing requirement if completed with a minimum grade of C.

A single course may not be used to meet more than one of the General Education requirements, but a single course may count toward a General Education requirement and the student's major requirements. Students should check with their advisor regarding the eligibility of transfer credits to meet General Education requirements after students have enrolled at Stetson. A key component of a liberal education is to learn about the modes of inquiry from a diverse set of disciplines, so no more than 3 courses used to meet General Education requirements may come from a single department and at least 16 of the 32 units required for graduation must come from departments outside the department of the major.

For many majors, certain courses outside the major field of study are required. These courses are called "collateral requirements."

A student majoring in Education may count among the 32 units as many in the major as are required for completion of an approved program for teacher certification by the State of Florida.

Code	Title	Units
<b>Foundations</b> <sup>1</sup>		
Writing Requirement		
FSEM 100	First Year Seminar	1
Quantitative Reasoning (any Q course)		1
Junior Seminar		1
<b>Knowledge of Human Cultures and the Natural World</b>		
Select five of the following: <sup>2</sup>		5
Creative Arts (any A course, or 4 - MUSC, MUSA or MUSE credit courses) <sup>3</sup>		
Culture and Belief (any B course)		
Historical Inquiry (any H course)		
Individuals, Societies, and Social Systems (any S course)		
Modern Languages (any L course)		
Physical and Natural World (any P course)		
<b>Personal and Social Responsibility</b>		
Select any 'Stetson Values (V)' course		1
Total Units		9

## Cultural Events/Campus Engagement

In addition to completing 32 course units, students join Stetson's intellectual and creative life outside the classroom by participating in at least 3 approved cultural events for each semester of enrollment at Stetson. These events include lectures by distinguished visitors, musical performances, plays, and art shows.

- 1 Foundation courses may not be taken pass/fail.
- 2 1 unit each from 5 out of the 6 areas.
- 3 Course(s) must equal 1 unit.