

# Bachelor of Science in Environmental Science

## Major in Environmental Science — Major Requirements - 13 units

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 140P	Introduction to Environmental Science and Studies	1
ENSS 141P	Environmental Science: Methods and Practice	1
ENSS 201	Introduction to Maps and Geographic Information Systems	1
ENSS 301	Geographic Information Systems and Science	1
Select one from the following:		1
ENSS 218	Environmental Law & Policy	
ENSS 319	Water Policy	
Select one from the following:		1
PHIL 317V	Environmental Ethics	
ENSS 219	Ethics for Environmental Professionals	
Select one from the following:		1
ENSS 345Q	Statistics for Environmental Professionals	
BIOL 243Q	Biostatistics	
<b>Natural Science</b>		
Three additional science courses from a list of BIOL, ENSS, CHEM, PHYS - at least one of which must be from ENSS, and at least one must be outside ENSS		3
BIOL 244	Introductory Biology III: Ecology and Evolution	
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	
CHEM 141P	General Chemistry I	
CHEM 142P	General Chemistry II	
ENSS 211V	Weather and Climate	
ENSS 230P	Introduction to Geology	
ENSS 302	Field Methods	
ENSS 312	Biogeography	
ENSS 330	Wetlands Systems	
ENSS 331	Envir Geology Appalachian Mtns	
ENSS 335	Geomorphology	
ENSS 402	Landscape Ecology	
PHYS 121P	College Physics I	

PUBH 301	Foundations of Environmental Health Science	
<b>Social Science and Policy</b>		
One social Science, Policy, or planning course from the following list:		1
ENSS 204S	Environmental Geography of Latin America	
ENSS 310V	Cultural and Political Ecology	
ENSS 313	The World's Population	
ENSS 314	Modern Urban America	
ENSS 315V	Sustainability Studies	
ENSS 316V	Leadership for a Sustainable Future	
ENSS 317V	Global Perspectives of Food Production	
ENSS 318V	Seeds of Equity	
ENSS 319	Water Policy	
ENSS 320	Environmental Planning	
ENSS 325	Climate Adaptation and Planning	
ENSS 355	Environmental Activism	
ENSS 410	Global Change	
ENSS 418	Energy Management and Policy	
ECON 325V	Environmental and Resource Economics	
<b>Senior Research Sequence</b>		
ENSS 497	Research Proposal	0.5
ENSS 498	Senior Research Project	1
ENSS 499	Senior Seminar	0.5
<b>General Electives</b>		<b>10</b>
<b>Total Units</b>		<b>32</b>

## 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 or minor requirements, as well as count as a Writing Enhanced course in the Writing requirement. 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)		
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
<b>Total Units</b>		<b>9</b>

## 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 24 approved cultural events at Stetson. These events include lectures by distinguished visitors, musical performances, plays, and art shows. Students may also view the list of approved cultural events<sup>3</sup> under Calendar of Events at <https://www.stetson.edu/other/calendar/> and selecting Deland Campus.

<sup>1</sup> Foundation courses may not be taken pass/fail.

<sup>2</sup> 1 unit each from 5 out of the 6 areas.

<sup>3</sup> The Calendar of Events (<https://www.stetson.edu/other/calendar/>) for the Deland campus identifies Cultural Events as those marked with a turquoise blue colored square in the lower-left corner of the event block.