

ENVIRONMENTAL SCIENCE MAJOR

Requirements for a major in Environmental Science: 30 credits

Code	Title	Credits
Required Foundation Courses		(6-7 credits)
EV-150	Environmental Science	3
GS-140 or GS-101	Physical Geology Physical Geography	3-4
Intermediate Courses		(9 credits)
GE-258	Global Environmental Change	3
Select two of the following:		6
GS-225	Oceanography	
GS-250	Hydrology	
GS-260	Introduction to Soil Science	
Advanced Courses		(12 credits)
Environmental science electives approved by the student's advisor. ¹		12
Capstone		(3 credits)
EV-400	Environmental Science Seminar (Ancillary Courses)	3
Ancillary Courses		(31 credits)
BI-140	Introduction to Organismal Biology	4
BI-202	Principles of Ecology	4
CH-120	General Chemistry I	4
CH-121	General Chemistry II	4
GS-165	Geographic Information Systems I	4
MA-150 or MA-302	Statistics I Probability and Statistics	3
MA-190 or MA-200	Pre-calculus Calculus I	4
PY-221 or PY-241	General Physics I Physics I (Mechanics)	4
Total Credits		61-62

¹ Must include at least two 300- or 400-level courses and at least one lab course. No more than 5 credits may be from internship, independent study, and/or independent research courses. Students may count one environmental course with a prefix other than BI, CH, EV, or GS towards their environmental science electives. A list of courses counting as electives will be made available prior to pre-registration each semester.

Students in the Environmental Science major are not required to take LASC NSP or QR courses outside of the major. Students are required to meet with their department advisor to review their upcoming semester academic choices.

Department of Earth, Environment and Physics - Environmental Science Major

Sample Timeline for Completion of Degree

Year One		
Semester One		Credits
EV-150	Environmental Science	3
GS-140 or GS-101	Physical Geology or Physical Geography	3-4
MA-150 or MA-302	Statistics I or Probability and Statistics	3
EN-101	College Writing I	3
LASC	First-Year Seminar (FYS)	3
Credits		15-16
Semester Two		
BI-140	Introduction to Organismal Biology	4
MA-190 or MA-200	Pre-calculus ¹ or Calculus I	4
EN-102	College Writing II	3
LASC	LASC Elective (CON) ²	3
LASC	LASC Elective (DIV) ²	3
Credits		17
Year Two		
Semester Three		
CH-120	General Chemistry I	4
GS-165	Geographic Information Systems I	4
GS-250	Hydrology	3
LASC	LASC Elective (USW) ²	3
LASC	LASC Elective (HBS) ²	3
Credits		17
Semester Four		
CH-121	General Chemistry II	4
GS-225 or GS-260	Oceanography or Introduction to Soil Science	3
BI-202	Principles of Ecology	4
LASC	LASC Elective (ICW) ²	3
LASC	LASC Elective (GP) ²	3
Credits		17
Year Three		
Semester Five		
CS-135	Programming for Non-CS Majors	3
PY-221	General Physics I	4
SELECT	BI-2XX, CH2XX, EV-2XX, or GS-2XX Major Elective ³	3-4
LASC	LASC Elective (CA) ²	3
SELECT	General Elective	3
Credits		16-17
Semester Six		
GE-258	Global Environmental Change	3
SELECT	BI-2XX, CH2XX, EV-2XX, or GS-2XX Major Elective ³	3-4
LASC	LASC Elective (TLC) ²	3
SELECT	General Elective	3
SELECT	General Elective	3
Credits		15-16
Year Four		
Semester Seven		
SELECT	BI-3XX, CH-3XX, EV-3XX, or GS-3XX Major Elective ³	3-4

SELECT	General Elective	3
SELECT	General Elective	3
Credits		9-10
Semester Eight		
EV-400	Environmental Science Seminar	3
SELECT	BI-3XX, CH-3XX, EV-3XX, or GS-3XX Major Elective ³	3-4
SELECT	General Elective	3
SELECT	General Elective	3
Credits		12-13
Total Credits		118-123

¹ May also be any MA course above 200.

² The sequence of LASC courses marked with ² is a suggestion but serves as a reminder that LASC designated courses must be taken to satisfy the LASC requirements.

³ Students may count one environmental course with a prefix other than BI, CH, EV, or GS towards their environmental science electives. A list of courses counting as electives will be made available prior to pre-registration each semester.

Students are required to meet with their academic advisor to review their courses for the upcoming semester. A minimum of 120 credits is required for graduation. First-year and transfer students with 45 or fewer credits at the time of admission shall complete two academic programs (a major/major or major/minor) to qualify for graduation. For more information, please view the MajorPlus section of this catalog.