

# B.S. in Environmental Science

Click on the course number to view course title and description.

Code	Title	Semester Hours
<b>BS Environmental Science with a Concentration (120 hours)</b>		
<b>Core Requirements (43 hours)</b>		
First Year Seminar		3
FYE 1301	First Year Seminar	
Freshmen Composition I		3
EN 1311	Rhetoric and Composition	
or EN 1313	Rhetoric and Composition for International Students	
Literature		3
Any EN 23XX literature course		
History		3
Any 1000, 2000, or 3000-level HS course		
Social Science		6
Select two from the following: BA 1310, CJ 1301, CPH 1301, EC 2301, EC 2303, ED 2330, HU 3300, HU 3303, PO 1311, PO 1312, PO 1314, PS 1301, PS 2310, PS 2353, PS 2355, PS 2363, PS 2337, SC 1311, SC 2321, SC 2371, 3 hrs. of Communication Studies (CM 1341, CM 2333, CM 2334)		
Mathematics		4
MT 2412	Calculus I	
Natural or Physical Sciences		
Satisfied by ES 1300 or ES 1373 in the courses required for this major		
Fine Arts		3
AR 1300, AR 1301, AR 1311, AR 1312, AR 2301, AR 2321, AR 2361, AR 2362, AR 3331, AR 3351, AR 3381, AR 3392, 3 hrs. DM, MU 1300 or 3 hrs. of any MU		
Foreign Language and International Engagement		6
This requirement is satisfied through one of four ways: (1) One 3-hour course in any language at the 3000 level or above, with a grade of B or better; (2) Two courses (1311 and 1312) in a language not previously studied; (3) Two courses (2311 and 2312) in a language previously studied at the high school or college level; (4) Qualifying scores on an AP or CLEP exam, or both the ACTFL OPI and WPT exams		
Philosophy - Self		3
PL 1301	Intro to Philosophy	
Philosophy - Ethics		3
PL 2301	Foundations of Ethics	
Theology - God		3
TH 1301	Introduction to Theology	
Intermediate Theology		3
Any TH 33xx course		
<b>Environmental Science Major Courses (51 hours)</b>		
BL 1401	General Biology for Majors I	4
BL 1402	General Biology for Majors II	4
ES 1100	General Geology Laboratory	1
ES 1173	Environmental Science Lab	1
ES 1300	General Geology	3
ES 1373	Introductory Environmental Science	3
ES 2300	Global Change	3
ES 2320	General Ecology	3
ES 2120	General Ecology Lab	1
ES 2325	Energy Resources and the Environment	3
ES 2345	Experimental Design	3
ES 2350	Environmental Geology	3

ES 2150	Environmental Geology Lab	1
ES 3110	Environmental Science Seminar I	1
ES 3120	Environmental Science Seminar II	1
ES 3310	Scientific and Technical Writing	3
ES 3320	Environmental Policy and Regulation	3
ES 3330	Introduction to Geographic Information System	3
MT 2303	Introduction to Probability and Statistics	3
MT 2413	Calculus II	4
<b>Major Electives/Concentration (15 hours)</b>		<b>15</b>

Select one concentration from the following options. Courses for each concentration will be determined with the help of your major adviser.

Ecology		
Geology		
Geophysics		
<b>Electives (11 hours)</b>		<b>11</b>
An elective can be any course taken from any discipline.		
Total Semester Hours		120

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#### First Year

Fall	Semester Hours	Spring	Semester Hours
FYE 1301		3 History	3
EN 1311		3 ES 1173	1
BL 1401		4 ES 1373	3
ES 1100		1 MT 2303	3
ES 1300		3 BL 1402	4
		14	14

#### Second Year

Fall	Semester Hours	Spring	Semester Hours
Literature		3 Social Science	3
ES 2300		3 Free Elective	3
ES 2320		3 ES 2325	3
ES 2120		1 ES 2350	3
CH 1401		4 ES 2150	1
		PL 1301	3
		14	16

#### Third Year

Fall	Semester Hours	Spring	Semester Hours
Foreign Languages I		3 ES 3120	1
ES 3310		3 MT 2413	4
MT 2412		4 ES 3320	3
ES 2345		3 ES 3330	3
ES 3110		1 Social Science	3
PL 2301		3 Foreign Language II	3
		17	17

#### Fourth Year

Fall	Semester Hours	Spring	Semester Hours
TH 1301		3 Major Elective	3
Major Elective		3 Major Elective	3

Major Elective	3 Fine Arts	3
Major Elective	3 Advanced Theology	3
Free Elective	4	
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	16	12
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Total Semester Hours	120	