

B.A. in Environmental Science with Teacher Certification

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

Code	Title	Semester Hours
BA in Environmental Science with Teacher Certification (120 hours)		
Core Requirements (36 hours)		
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		3
Select two from the following: BA 1310, CJ 1301, CPH 1301, EC 2301, EC 2303, 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). ED 2330 will meet 3 of the 6 hours required.		
Mathematics		
Satisfied by MT 2303 in the courses required for this major.		
Natural or Physical Sciences		
Satisfied by CH 1401 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		
Environmental Science Major Courses (51 hours)		
BL 1401	General Biology for Majors I	4
BL 1402	General Biology for Majors II	4
CH 1401	General Chemistry I	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
Teacher Certification Courses (27 hours)		
ED 3302	The American Secondary School	3
ED 2330	Teaching Diverse Populations	3
ED 3350	Reading-- Teaching Reading in the Secondary Content Areas	3
ED 3355	Educational Technology	3
ED 3361	Adolescent Development in the School Setting	3
ED 3362	Teaching-Learning and Secondary Methods	3
ED 4388	Professional Development Seminar-Secondary	3
ED 4689	Student Teaching-Secondary	6
Electives (6 hours)		
An elective can be any course taken from any discipline(PY 1300 recommended.)		
Total Semester Hours		120

This is a recommended degree plan subject to changes. Please meet with your adviser to discuss Math requirement.

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First Year

Fall	Semester Spring Hours	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
Free Elective - PY 1300 Conceptual Physics	3 Social Science	3
	17	17

Second Year

Fall	Semester Spring Hours	Semester Hours
Literature	3 Social Science	3
ES 2300	3 ES 2325	3
ES 2320	3 ES 2350	3
ES 2120	1 ES 2150	1
CH 1401	4 ED 2330	3
ED 3302	3 PL 1301	3
	17	16

Third Year

Fall	Semester Spring Hours	Semester Hours
Foreign Languages I	3 Foreign Language II	3
ES 2345	3 ES 3320	3
ES 3110	1 ES 3330	3
ES 3310	3 ES 3100	

ED 3361	3 ED 3355	3
PL 2301	3 TH 1301	3
16		15

Fourth Year

Fall	Semester Spring Hours	Semester Hours
Fine Arts	3 ED 4388	3
Advanced Theology	3 ED 4689	6
ED 3350	3	
ED 3362	3	
12		9

Total Semester Hours 119