

BACHELOR OF SCIENCE, MAJOR IN ENVIRONMENTAL SCIENCE (POLLUTION ABATEMENT)

Code	Title	Hours
Bachelor of Science, Major in Environmental Science (Pollution Abatement)		
Core Curriculum		
	Component Area I (Communication)	6
	Component Area II (Mathematics)	3
	Component Area III (Life and Physical Science)	8
	Component Area IV (Language, Philosophy, and Culture)	3
	Component Area V (Creative Arts)	3
	Component Area VI (U.S. History)	6
	Component Area VII (Political Science/Government)	6
	Component Area VIII (Social and Behavioral Sciences)	3
	Component Area IX (Component Area Option)	4
Degree Specific Requirements		
AGET 3383	Soil & Water Conservation Engr	3
BIOL 1401	Environmental Science	4
BIOL 1411	General Botany	4
BIOL 1413	General Zoology	4
BIOL 3409	General Ecology	4
BIOL 4320	Environmental Toxicology	3
BIOL 4330	Aquatic Biology	3
BIOL 4374	Biostatistics	3
CHEM 1411	General Chemistry I	4
CHEM 1412	General Chemistry II	4
CHEM 2323 & CHEM 2123	Organic Chemistry I: Lecture and Organic Chemistry I Lab	4
CHEM 2325 & CHEM 2125	Organic Chemistry II: Lecture and Organic Chemistry II: Lab	4
ECON 3352	Energy & Environmental Econ	3
GEOL 1403	Physical Geology ¹	4
GEOL 3326	Environmental Geology	3
GEOG 1401	Weather and Climate ¹	4
GEOG 2364	Geo-Spatial Technology	3
MATH 1420	Calculus I ²	4
PHIL 3372	Philosophy Of Science	3
POLS 3395	Environmental Policy	3
STAT 1369	Elementary Statistics	3
Prescribed Electives		
	Select 5 of the following	15
GEOL 4426	Hydrogeology	
GEOG 4357	Population Geography	
GEOG 4331	Conservatn Of Naturl Resources	
GEOG 4333	Field Studies	
GEOG 4468	Remote Sensing	
PHIL 4306	Philosophy of Biology	
PLSC 3440	Soil Science	
PLSC 4330	Soil Fertility Mgt Fertilizers	
PLSC 4370	Forage Crops & Pasture Mgmt	
PLSC 4397	Integrated Pest Management	

POLS 3395	Environmental Policy
SOCI 3336	Social Change And Development
SOCI 4337	Environment And Society

Total Hours 120

¹ Satisfies Core Curriculum requirement for Component Area III (Life and Physical Science).

² Satisfies 3 semester credit hours of the Core Curriculum requirement for Component Area II (Mathematics).

First Year

Fall	Hours Spring	Hours
Component Area IV	3 Component Area I	3
Component Area VI	3 Component Area V	3
STAT 1369	3 Component Area IX	1
GEOG 1401 ¹	4 BIOL 1401	4
MATH 1420 ²	4 BIOL 1411	4
	17	15

Second Year

Fall	Hours Spring	Hours
Component Area I	3 Component Area VII	3
Component Area VII	3 Component Area IX	3
Component Area VIII	3 BIOL 1413	4
CHEM 1411	4 CHEM 1412	4
GEOL 1403 ¹	4 GEOG 2364	3
	17	17

Third Year

Fall	Hours Spring	Hours
BIOL 3409	4 BIOL 4330	3
BIOL 4374	3 CHEM 2325 & CHEM 2125	4
CHEM 2323 & CHEM 2123	4 ECON 3352	3
GEOL 3326	3 PHIL 3372	3
	POLS 3395	3
	14	16

Fourth Year

Fall	Hours Spring	Hours
Component Area VI	3 BIOL 4320	3
Advance Elective (Environmental Science) ³	6 Advanced Elective (Environmental Science) ³	9
AGET 3383	3	
	12	12

Total Hours: 120

¹ Satisfies Core Curriculum requirement for Component Area III (Life and Physical Science).

² Satisfies 3 semester credit hours of the Core Curriculum requirement for Component Area II (Mathematics).

³ Advance Electives (Environmental Science): GEOL 4426, GEOG 4357, GEOG 4331, GEOG 4432, GEOG 4468, PLSC 3440, PLSC 4330, PLSC 4370, PLSC 4397, PHIL 4306, POLS 3395, SOCI 3336, SOCI 4337.