

Major in Environmental Science - Bachelor of Science

University Requirements:		
See University General Requirements for Baccalaureate degrees (p. 41)		<input type="checkbox"/>
First Year Making Connections Course:	Sem. Hrs.	
BIO 1013, Making Connections - Biology	3	<input type="checkbox"/>
General Education Requirements:	Sem. Hrs.	
See General Education Curriculum for Baccalaureate degrees (p. 84) Students with this major must take the following: <i>Students with this major must take the following:</i> <i>MATH 1054, Precalculus Mathematics or MATH course that requires MATH 1023 as a prerequisite</i> <i>CHEM 1013 AND 1011, General Chemistry I and Laboratory</i> <i>BIO 2013 AND 2011, Biology of the Cell and Laboratory</i> <i>COMS 1203, Oral Communication (Required Departmental Gen. Ed. Option)</i>	35-36	<input type="checkbox"/>
Language Requirement:	Sem. Hrs.	
<i>A student must complete the foreign language requirements before being considered a Environmental Science Major. (Refer to Department of Biological Sciences Foreign Language Requirement).</i>		<input type="checkbox"/>
Major Requirements:	Sem. Hrs.	
AGST 3543, Fundamentals of GIS/GPS	3	<input type="checkbox"/>
BIO 1063, People and the Environment	3	<input type="checkbox"/>
BIO 1303 AND 1301, Biology of Animals and Laboratory	4	<input type="checkbox"/>
BIO 1503 AND 1501, Biology of Plants and Laboratory	4	<input type="checkbox"/>
BIO 3013 AND 3011, Genetics and Laboratory	4	<input type="checkbox"/>
BIO 3023, Principles of Ecology	3	<input type="checkbox"/>
BIO 4021, Biological Seminar	1	<input type="checkbox"/>
CHEM 1023 AND 1021, General Chemistry II and Laboratory	4	<input type="checkbox"/>
CHEM 3103 AND 3101, Organic Chemistry I and Laboratory	4	<input type="checkbox"/>

CHEM 3113 AND 3111, Organic Chemistry II and Laboratory OR CHEM 3054, Quantitative Analysis OR CHEM 4053, Geochemistry	3-4	<input type="checkbox"/>
CHEM 4043, Environmental Chemistry	3	<input type="checkbox"/>
GEOL 4331, Hydrogeology Laboratory	1	<input type="checkbox"/>
GEOL 4333, Hydrogeology	3	<input type="checkbox"/>
GEOG 4623, Environmental Management	3	<input type="checkbox"/>
MATH 2194, Survey of Calculus OR MATH 2204 Calculus I	4	<input type="checkbox"/>
PHYS 2054, General Physics I	4	<input type="checkbox"/>
STAT 3233, Applied Statistics I	3	<input type="checkbox"/>
Select two of the following: BIO 3673, Human Dimensions of Natural Resources BIO 4613, Conservation Biology GEOG 4613, Conservation of Natural Resources POSC 4533, Environmental Law and Administration	6	<input type="checkbox"/>
Select two of the following: BIO 4623, Environmental Microbiology BIO 4633, Environmental Toxicology Mechanisms and Impacts GEOG 4113, Water Resources Planning RET 3113, Fundamentals and Applications of Renewable Energy	6	<input type="checkbox"/>
Select two from the following course and/or course/lab combinations: GEOL 1003 AND 1001, Environmental Geology and Laboratory PHSC 1014, Energy and the Environment PSSC 2813 AND 2811, Soils and Laboratory	8	<input type="checkbox"/>
Sub-total	74-75	<input type="checkbox"/>
Electives:	Sem. Hrs.	
Electives	6-8	<input type="checkbox"/>
Total Required Hours:	120	