

Course Code	Course Name	Credits	Credits required for BS	Credits required for BA	Prerequisites or Corequisites
<b>Introductory Course</b>					
ENSCI 100	Our Planet in the 21 <sup>st</sup> Century*	4	4	4	
<b>Supporting Courses</b>					
BIOL 105	Biology I*	4	21	21	
CHEM 113	Chemistry I (113.4; 113.1)*	5			
GEO 101	Physical Geology*	4			
MATH 151 or 141	Calculus I*	4/3			MATH 122
PHYS 121 or 145	Physics I (121.4; 121.1)*	5			
<b>Core Courses</b>					
ENSCI 200	Earth Systems Science*	3	ENSCI 200 + 2 additional courses	ENSCI 200 + 1 additional course	ENSCI 100; CHEM 113; PHYS 121
BIOL 201	Microbiology	4			BIOL 106; CHEM 102/114
GEOL 208	Sedimentology and Landscape Evolution	4			GEOL 102
GEOL 210	Water Resources	3			ENSCI 100; GEO 101
GEOL 216	Oceans and Atmosphere	3			Varies by Instructor
URBST 230	Env. and Public Health Policy and Practice	3			ENSCI 100
<b>Advanced Courses</b>					
BIOL 340	Ecology	4	4 elective courses	2 elective courses	BIOL 287
ENSCI 303	Environmental Microbiology	3			BIOL 105; ENSCI 200; GEOL 101
ENSCI 377	Atmosphere-Biosphere Interactions	3			Inquire in SEES office (SB D-216)
GEOL 318	Soils in the Environment	4			ENSCI 200; GEOL 101
GEOL 328W	Volcanoes and Climate	3			GEOL 201/216 or by permission
GEOL 342	Introduction to Meteorology	3			PHYS 121; MATH 141
GEOL 347	Principles of Hydrology	3			GEOL 101; PHYS 121; CHEM 113
GEOL 349	Environmental Geology	3			GEOL 208
GEOL 356	Principles of Oceanography	3			GEOL 216
GEOL 363	GIS in the Geosciences	3			GEOL 101
GEOL 370	Biogeochemistry	3			ENSCI 200
GEOL/ENSCI 383	Special Topics (can be taken more than once)	3			By permission
ENSCI 397	Internship in Environmental Sciences	3			By application
<b>Capstone Course</b>					
ENSCI 373W	Environmental Problem Solving*	3	3	3	Senior Status or by permission
<b>Additional Supporting Science (for BS only)</b>					
MATH 114 or MATH 114W or MATH 241 or BIOL 230	Elem. Probability and Statistics Elem. Probability and Statistics (W) Intro. Probability and Mathematical Stats Biostatistics*	3/4	Students must take 1 statistic course and at least 12 credits from the remaining options	None	Varies by course (At least 1 course in stats is required for the BS degree)
MATH 152 or 142	Calculus II	4/3			MATH 141/151
GEOL 102	Historical Geology	4			GEOL 101
GEOL 200	Methods in Geosciences	3			GEOL 101
BIOL 106	Biology II	4			BIOL 105
CHEM 114	Chemistry II (114.4; 114.1)	5			CHEM 113
PHYS 122 or 146	Physics II (122.4; 122.1)	5			PHYS 121
<b>Total</b>			<b>64</b>	<b>40</b>	

**Notes:**
**\*Mandatory classes for the major.**