

Course Code	Course Name	Credits	Credits required for BS	Credits required for BA	Prerequisites or Corequisites
Introductory Course					
ENSCI 100	Our Planet in the 21 st Century*	4	4	4	
Supporting Courses					
BIOL 105	Biology I*	4	21	21	
CHEM 113	Chemistry I (113.4; 113.1)*	5			
GEOL 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			
Core Courses					
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			GEO 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
Advanced Courses					
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
Capstone Course					
ENSCI 373W	Environmental Problem Solving*	3	3	3	Senior Status or by permission
Additional Supporting Science (for BS only)					
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
Total					64

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