

Environmental Science (2017-2018)
Major Codes: BA: ENSCI-BA or BS: ENSCI-BS

Sphere	Course	Credits	Lab	Name	credits required			Prerequisites or co-requisites
					general	BS	BA	
Introductory Courses								
I	EnSci 100	4	Y	Our Planet in the 21 st Century	4	4	4	
Supporting Science								
L	Geol 101	4	Y	Physical Geology	21	21	21	
I	Chem 113.4/113.1	5	Y	General Chemistry I				
B	Biol 105	4	Y	General Biology I				
I	Math 151 or 141	4/3	N	Calculus I				M122
I	Phys 121.4/.1	5	Y	General Physics I				
Core Courses								
					6 or 9	9	6	
I	EnSci 200	3	N	Earth Systems Science	EnSci 200 plus			E100; C113
L	Geol 208	4	Y	Surficial Processes	1 of 3 (BA)			G102
H-A	Geol 216	3	Y	Oceans and Atmospheres	2 of 3 (BS)			E200; M141; G102
B	EnSci 203	3	N	Environmental Microbiology				B105; C113
Advanced Courses								
					6 or 12	12	6	
L	Geol 318	4	Y	Soils in the Environment	6 credits (BA)			E200
A	Geol 342	3	Y	Introduction to Meteorology	12 credits (BS)			P121; M141
H	Geol 347	3	Y	Principles of Hydrology				G101; P121; C113
L	Geol 349	3	Y	Environmental Geology				G208
H	Geol 356	3	Y	Advanced Oceanography				G216
B	Biol 340	4	Y	Ecology				B287
I	Geol 370	3	N	Biogeochemistry				E200
I	Geol 363	3	N	Geographic Information Systems in Geosciences				G101
B	Geol 377	3	N	Biosphere-Atmosphere				see bulletin
all	Geol/EnSci 383	3	N	Special Topics in Geology/Environ. Sciences				B287
I	EnSci 397	3	N	Internship in Environmental				E200; by permission
Capstone Course								
I	EnSci 373W	3	N	Environmental Problem Solving	3	3	3	senior standing
Additional Supporting Science for BS								
					0 or 15	15	0	
I	Math 114	3	N	Introductory Statistics	(or Math 241/Biol 230)			
L	Geol 102	4	Y	Historical Geology	plus 3 others			G101
B	Biol 106	4	Y	General Biology II				B105
I	Chem 114.4/.1	5	Y	General Chemistry II				C113
I	Phys 122.4/.1	5	Y	General Physics II				P121
I	Geol 200	3	N	Methods in Geosciences				G101
I	Math 152 or 142	4/3	N	Calculus II				M141/151
Recommended: Elective Social Science/Humanities Classes								
	Urbsd 252	3	N	Climate Change & the Urban Environment				
	Enstud 383	3	N	Environmental Risk Management				
	Engl 327 (+/- W)	3	N	Environmental Literature				Eng110;140W or 150W
	Phil 125	3	N	Philosophy of the Environment				
	PISci 287	3	N	Law, Politics & the Environment				
	Econ 228 (+/- W)	3	N	The Economics of the				Ec101;102 or 103;104
total						64	40	

Spheres: **A**tmosphere, **B**iosphere, **H**ydrosphere, **L**ithosphere or **I**nterdisciplinary

For BS majors, preferred Math series includes: 151/152/241