Environmental Science (2016-2017)
Major Codes: BA: ENSCI-BA or BS: ENSCI-BS

Sphere	Course	Credits	Lab	Name	credits required general	BS	BA	Prerequisites or *co-requisites*
				Introductory Courses				
I	EnSci 100	4	Y	Our Planet in the 21st 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; by permission
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
I	Geol 370	3	N	Biogeochemistry				E200
I	Geol 363	3	N	GIS in the Geosciences				G101; E100
B-A	Ensci 377	3	N	Biosphere-Atmosphere Interactions				E200; P121 or M141
B	Biol 340	3	Y	General Ecology				B287
H-B	Biol 346	4	Y	Limnology				B287
I	EnSci 383	3	N	Bioremediation				E200; P121 or M141
B	EnSci 383	3	N	Advanced Environ. Microbiology				E203; B201
I	EnSci 397	3	N	Internship in Environmental Science				*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 or 241	3	N	Introductory Statistics	M114 or M241 or equiv.			
L	Geol 102	4	Y	Historical Geology	plus 3 others			G101
B	Biol 106	4	Y	General Biology II	*BS only*			B105
I	Chem 114.4/.1	5	Y	General Chemistry II				C113
I	Phys 122.4/.1	5	Y	General Physics II				P121
I	Math 152 or equiv.	6/4	N	Calculus II				M141/151
	Recommended: Elective Social Science Classes - not required							
	UrbStud 252	3	N	Climate Change in the Urban Environment				
	UrbStud 258	3	N	Climate Change and Public Policy				
	Engl 327 ((+/- W)	3	N	Environmental Literature				Eng110;140W or 150W
	Phil 125	3	N	Philosophy of the Environment				
	PlSci 287	3	N	Law, Politics & the Environment				
	Econ 228 (+/- W)	3	N	The Economics of the Environ.				Ec101;102 or 103;104
	Enstud 383	3	N	Environmental Risk Management	**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; M152 equivalent is M142 + M143
Other statistics courses including Biol 230 can be substituted for Math 114 or Math 241