

PROGRAM COURSE CHECKLIST**B. S. ENVIRONMENTAL, GEOGRAPHICAL & GEOLOGICAL SCIENCES: ENVIRONMENTAL GEOSCIENCE**

Total of 54+ Credits		Credits	Semester Taken
Core Requirements (10 credits)			
EGGS 100	Environmental Science	3	
EGGS 120	Physical Geology	4	
EGGS 150	Quantitative Methods*	3	
EGGS 242	Map Use and Analysis	3	
Science & Math Requirements (8 credits)			
BIO 114	Concepts in Biology 1*	4	
CHEM 115	Chemistry for the Sciences 1*	4	
PHYS 201 or 211	Introductory or General Physics 1	4	
Choose 1			
BIO 115	Concepts in Biology 2	4	
CHEM 116	Chemistry for the Sciences 2	4	
PHYS 202 or 212	Introductory or General Physics 2	4	
Choose 1			
MATH 123	Essentials of Calculus*	3	
MATH 125	Calculus 1 (MATH 125 and 126 recommended)	4	
MATH 141	Introduction to Statistics*	3	
Degree Requirements (23 credits)			
EGGS 105	Environmental Issues and Choices*	3	
EGGS 213	Fundamentals of Soil Science	3	
EGGS 255 or 259	Meteorology or Oceanography*	3	
EGGS 260	Earth Materials	4	
EGGS 265	Geomorphology	4	
EGGS 271	Fundamentals of Hydrology	3	
EGGS 360	Principles of GIS I	3	
Skills Course – Choose at least 3 (10+ credits)			
EGGS 413	Soil Morphology, Genesis, & Classification	4	
EGGS 460	Aqueous Geochemistry	4	
EGGS 470	Groundwater Hydrology	4	
EGGS 471	Applied Surface Hydrology	3	
EGGS 480	Applied Geophysics Hydrology	4	
MARSCI	Any approved Marine Science course**	3+	
Degree Electives: Choose at least 2 (6+ credits)			
BIOL 242	Microbiology	3	
BIOL 351	Ecology	3	
BIOL 456	Ecology of Streams and Rivers	3	
EGGS 301	Water Resources Management	3	
EGGS 302	Land Resources Management	3	
EGGS 304	Environmental Valuation	3	
EGGS 313	Soil Morphology Practicum (may be taken 3x)	1	
EGGS 320	Remote Sensing of the Earth	3	
EGGS 330	Field Geology	3	
EGGS 351	Sustainable Food Systems	3	
EGGS 358	Environmental Conservation	3	
EGGS 361	Principles of GIS II	3	
EGGS 380	Dams, Reservoirs, Rivers	3	
EGGS 386	National Parks, Wilderness, Public Lands	3	
EGGS 390	Any <i>approved</i> Special Topics**	3	
EGGS 493	Research in EGGs	3	
EGGS 496	Internship	3+	
MARSCI	Any approved Marine Science course	3+	
Capstone Experience (3+ credits)			
EGGS 450	Field Experience in EGGs or other field experience**	3+	

*Counts as General Education Credit

**Must be approved by the department.