PROGRAM COURSE CHECKLIST
B. S. ENVIRONMENTAL, GEOGRAPHICAL & GEOLOGICAL SCIENCES: PROFESSIONAL GEOLOGY

Total of 52+ Credits *excluding* Directed General Ed		Credits	Semester Taken
Core Requirements (Choose 1, 3 credits)			
EGGS 100	Environmental Science	3	
EGGS 105	Environmental Issues & Choices	3	
EGGS 140	Sustainability Science	3	
Core Requirements (Choose 1, 0 credits) *			
EGGS 102	World Cultural Geography	3	
EGGS 104	World Regional Geography	3	
Cognate Requirements (4 credits)			
CHEM 121	Chemistry for the Sciences 1*	4	
PHYS 208	Introductory Physics 1	4	
MATH 160	Calculus 1*	4	
Cognate Electives (Choose 1, 4 credits)			
CHEM 122	Chemistry for the Sciences 2	4	
EGGS 460	Aqueous Environmental Geochemistry	4	
Cognate Electives (Choose 1, 4 credits)			
PHYS 209	Introductory Physics 2	4	
EGGS 480	Geophysical Methods	4	
Major Requirements (27+ credits)			
EGGS 120	Physical Geology*	4	
EGGS 130	Historical Geology	4	
EGGS 242	Map Use and Analysis	3	
EGGS 263	Mineralogy & Petrology	4	
EGGS 265	Geomorphology	3	
EGGS 360	Principles of GIS 1	3	
EGGS 368	Sedimentology & Stratigraphy	3	
EGGS 369	Structural Geology	4	
EGGS 470	Hydrogeology	3	
Major Electives: Choose at least 2 (6+ credits)			
EGGS 460	Aqueous Environmental Geochemistry**	4	
EGGS 461	Energy and Mineral Resources	4	
EGGS 463	Petroleum Geology	3	
EGGS 465	Paleontology	4	
EGGS 480	Geophysical Methods**	4	
EGGS 496	Research in EGGS	3+	
Major Capstone (4-6 credits)			
EGGS 451	Field Tech in Earth Science/Geology Field Camp	4-6	

*Counts as General Education Credit

**Cannot count as a Major elective if used above in Cognate Electives