

**PROGRAM COURSE CHECKLIST**  
**B. S. ENVIRONMENTAL, GEOGRAPHICAL & GEOLOGICAL SCIENCES: EARTH & SPACE SCIENCE**  
**FOR SECONDARY EDUCATION MAJORS ONLY**

<b>Total of 58+ Credits</b>		<b>Credits</b>	<b>Semester Taken</b>
<b>Core Requirements (10 credits)</b>			
EGGS 100	Environmental Science	3	
EGGS 120	Physical Geology	4	
EGGS 242	Map Use and Analysis	3	
<b>Science Requirements (25 credits)</b>			
BIO 114	Concepts in Biology 1	4	
CHEM 115	Chemistry for the Sciences 1	4	
PHYSICS 110	Introduction to Astronomy	3	
PHYSICS 201	Introductory Physics 1	4	
PHYSICS 202	Introductory Physics 2	4	
<b>Choose 2</b>			
EGGS 150	Quantitative Methods in Earth Science	3	
MATH 113	Pre-Calculus	3	
MATH 123	Essentials of Calculus	3	
MATH 141	Introduction to Statistics	3	
<b>Degree Requirements (17 credits)</b>			
EGGS 130	Historical Geology	4	
EGGS 255	Meteorology	3	
EGGS 259	Oceanography	3	
EGGS 260	Earth Materials	4	
EGGS 495	Senior Seminar*	3	
<b>Degree Electives: Choose at least 2 (6+ credits)</b>			
EGGS 265	Geomorphology	4	
EGGS 320	Remote Sensing**	3	
EGGS 330	Field Geology	3	
EGGS 365	Introduction to Paleontology	4	
EGGS 368	Stratigraphy and Sedimentation	4	
EGGS 369	Structural Geology	4	
EGGS 370	Surface Hydrology	3	
EGGS 390	Special Topics	3	
EGGS 420	Planetary Science	4	
EGGS 460	Aqueous Geochemistry	4	
EGGS 470	Groundwater Hydrology	3	
EGGS 480	Applied Geophysics	4	
EGGS 496	Internship	3+	
MARSCI	Any approved Marine Science course	3	

\*Only required for non-Middle Level Education and non-Secondary Education majors.

\*\*Cannot be used if also getting a minor in Spatial Analysis/GIS.