

**CENTRAL CONNECTICUT STATE UNIVERSITY**  
*School of Engineering, Science and Technology*  
**Earth Science: Geology Specialization B.S.**

Name: \_\_\_\_\_ ID#: \_\_\_\_\_ Matriculation Semester: \_\_\_\_\_ Date: \_\_\_\_\_

<b>GENERAL EDUCATION (44 - 46 credits)</b>		Crs.	Grd.
<b>STUDY AREAS</b>			
<b>Study Area I Arts &amp; Humanities (9 credits)</b>			
ENG literature		3	
		3	
		3	
<b>Study Area II Social Sciences (9 credits)</b>			
		3	
		3	
		3	
<b>Study Area III Behavioral Sciences (6 credits)</b>			
		3	
		3	
<b>Study Area IV Natural Sciences (6 or 7 credits)</b>			
(double-counted in major)		X	X
(double-counted in major)		X	X

<b>SKILL AREAS</b>			
<b>Skill Area I Communication Skills (6 credits)</b>			
ENG 110 Freshman Composition		3	
		3	
<b>Skill Area II Mathematics Requirement (6 credits)</b>			
MATH 152 Calculus I		4	
MATH 221 Calculus II		4	
<b>Skill Area III Foreign Language Proficiency Requirement (check one)</b>			
- 3 sequential years of one foreign language at the high school level			
- passed a standardized foreign language exam			
- completion of 112 or 114 foreign language course			
- successful completion of an upper level foreign language course			
- demonstration of native proficiency in a language other than English			
<b>Skill Area IV University Requirement (2 or 3 credits)</b>			
PE 244 (required if matriculated with less than 15 credits)		2 or 3	
International Requirement	met		
International Requirement	met		
First Year Experience Requirement	met		

<b>MAJOR (36 total credits in Earth Science)</b>			Crs.	Grd.
<b>EARTH SCIENCE: = (33-35 credits)</b>				
GSCI 121 The Dynamic Earth OR GSCI 131 Environmental Geoscience		3		
GSCI 125 The Dynamic Earth Lab OR GSCI 135 Environmental Geoscience Lab		1		
GSCI 141 Earth and Life History		3		
GSCI 145 Earth and Life History Lab		1		
GSCI 221 Mineralogy		4		
GSCI 223 Stratigraphy & Sedimentology		4		
GSCI 290 Field Methods		2		
GSCI 321 Structural Geology		4		
GSCI 322 Petrology		4		
GSCI 360 Research Methods in Geological Sciences		1		
GSCI 424 Geomorphology		4		
GSCI 460 Senior Research Project OR		2-4		
External Geology Field Camp		4		

<b>Related Requirements (16 Credits)</b>			Crs.	Grd.
CHEM 161 General Chemistry		3		
CHEM 162 General Chemistry Lab		1		
CHEM 201 Analytical Chemistry Lab		1		
CHEM 260 Foundations of Inorganic Chemistry		3		
PHYS 125 University Physics I		4		
PHYS 126 University Physics II		4		

<b>Earth Science Electives (1-3 Credits from the following)</b>			Crs.	Grd.
GSCI 425 Glacial and Quaternary Geology		3		
GSCI 431 Hydrogeology		4		
GSCI 450 Environmental and Engineering Geology		3		
GEOG 378 Geographic Information Systems		3		
AST 378 Comparative Planetology		3		
AST 478 Planetary Image Analysis		3		
GSCI 480 Internship In Geological Sciences		1-3		
GSCI 490 Topics in Geological Science		3		

<b>Electives (if necessary to reach 120 credits)</b>			Crs.	Grd.