EARTH SCIENCE, B.A.

Requirements for a Major in Earth Science

Code	Title	Hours
Thirty-four semester hours including the following:		
Required Courses		
GEO 1401	Earthquakes and Other Natural Disasters [1]	4
or GEO 1402	World Oceans	
or GEO 1405	The Dynamic Earth	
GEO 1306 & GEO 1106	The Earth Through Time and The Earth Through Time, Laboratory	4
or GEO 1307 & GEO 1106	Evolution and Extinction and The Earth Through Time, Laboratory	
GEO 3344	Sedimentary Field Studies	3
GEO 3427	Mineralogy	4
GEO 3435	Invertebrate Paleontology	4
GEO 3442	Field Stratigraphy-Sedimentology	4
GEO 3445	Structural Geology	4
GEO 4341	Introduction to Hydrology	3
or GEO 4346	Hydrogeology	
GEO 4485	Introduction to Geographic Information Systems	4
Subtotal		**34**
Required Courses in Other Fields		
MTH 1321	Calculus I	3
or STA 1380	Elementary Statistics	
PHY 1408	General Physics for Natural and Behavioral Sciences I [2]	4
or PHY 1420	General Physics I	
or PHY 1455	Descriptive Astronomy	
CHE 1300 & CHE 1100	Introductory Chemistry and Introductory Chemistry Laboratory	4
or CHE 1301 & CHE 1101	Basic Principles of Modern Chemistry I and General Chemistry Laboratory I	
Total Hours		**45**

[1] Majors are encouraged to take GEO 1405 The Dynamic Earth.
[2] Those without MTH 1321 Calculus I must take PHY 1455 Descriptive Astronomy.

The B.A. degree is **not** a professional degree in geology.