

# GEOSCIENCES (GEOPHYSICS), B.S.

## Requirements for a Concentration in Geophysics

Code	Title	Hours
<b>Concentration Requirements</b>		
Thirteen semester hours from the following:		13
GEO 3319	Geophysics	
GEO 4323	Geodynamics	
GEO 4335	Volcanology	
GEO 4455	Introduction to Seismology	
GEO 4457	Geophysical Exploration I	
GEO 4458	Geophysical Exploration II	
GEO 4300	Senior Thesis	
or GEO 4302	Mentored Research Experience	
or GEO 4303	Internship	
<b>Subtotal</b>		<b>13</b>
<b>Required Courses in Other Fields</b>		
MTH 1321	Calculus I	3
MTH 1322	Calculus II	3
or STA 2381	Introductory Statistical Methods	
PHY 1420	General Physics I	4
PHY 1430	General Physics II	4
Eight semester hours from:		8
BIO 1303	Human Ecology: Our Place in Nature	
BIO 1305 & BIO 1105	Modern Concepts of Bioscience and Modern Concepts of Bioscience Laboratory	
BIO 1306 & BIO 1106	Modern Concepts of Bioscience, continued and Modern Concepts of Bioscience Laboratory	
CHE 1301 & CHE 1101	Basic Principles of Modern Chemistry I and General Chemistry Laboratory I	
CHE 1302 & CHE 1102	Basic Principles of Modern Chemistry II and General Chemistry Laboratory II	
No more than four hours from:		
ANT 1404	Introduction to Human Evolution	
ANT 1407	Introduction to Archaeology	
AVS 1313	Introduction to Meteorology	
BUS 2222	Introduction to Energy Commerce	
CSI 1430	Introduction to Computer Science I with Laboratory	
ENV 1301 & ENV 1101	Exploring Environmental Issues and An Introduction to Environmental Analysis (Lab)	
<b>Total Hours</b>		<b>35</b>