

GEOSCIENCES (PLANETARY GEOSCIENCE), B.S.

ENV 1301 & ENV 1101	Exploring Environmental Issues and An Introduction to Environmental Analysis (Lab)
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Total Hours

35

Requirements for a Concentration in Planetary Geoscience

Code	Title	Hours
Concentration Requirements		
Thirteen semester hours including the following:		
GEO 4485	Introduction to Geographic Information Systems	4
Select nine semester hours from the following:		9
GEO 4321	Isotope Geochemistry	
GEO 4323	Geodynamics	
GEO 4335	Volcanology	
GEO 4386	Remote Sensing	
GEO 4388	Earth System Science	
GEO 4457	Geophysical Exploration I	
GEO 4300	Senior Thesis	
or GEO 4302	Mentored Research Experience	
or GEO 4303	Internship	
Subtotal		13
Required Courses in Other Fields		
MTH 1321	Calculus I	3
MTH 1322	Calculus II	3
or STA 2381	Introductory Statistical Methods	
Sixteen semester hours from the following:		16
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	
PHY 1408	General Physics for Natural and Behavioral Sciences I	
PHY 1409	General Physics for Natural and Behavioral Sciences II	
PHY 1420	General Physics I	
PHY 1430	General Physics II	
No more than 4 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	