GEOSCIENCES (PETROLEUM GEOSCIENCE), B.S.

Requirements for a Concentration in Petroleum Geoscience

Code	Title	Hours
Concentration Requirements		
Thirteen semester hours from the following:		
GEO 4361	Petroleum Geoscience Concepts	3
Select ten semester hours from the following:		10
GEO 3319	Geophysics	
GEO 3430	Petrology	
GEO 3435	Invertebrate Paleontology	
GEO 4325	Economic Mineral Deposits	
GEO 4328	Sedimentary Petrology	
GEO 4340	Geomorphology	
GEO 4346	Hydrogeology	
GEO 4457	Geophysical Exploration I	
GEO 4458	Geophysical Exploration II	
GEO 4485	Introduction to Geographic Information Systems	
GEO 4300	Senior Thesis	
or GEO 4302	Mentored Research Experience	
or GEO 4303	Internship	
ENT 3315	Starting and Managing a Business	
Subtotal		**13**
Required Courses in Other Fields		
MTH 1321	Calculus I	3
MTH 1322	Calculus II	3
or STA 2381	Introductory Statistical Methods	
BUS 2222	Introduction to Energy Commerce	2
Fourteen semester hours from the following:		14
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 four hours from the following:		
ANT 1404	Introduction to Human Evolution	
ANT 1407	Introduction to Archaeology	
AVS 1313	Introduction to Meteorology	
CSI 1430	Introduction to Computer Science I with Laboratory	
ENV 1301 & ENV 1101	Exploring Environmental Issues and An Introduction to Environmental Analysis (Lab)	
Total Hours		**35**