



# College of Natural Sciences & Mathematics

## Bachelor of Science – Geophysics

### Four-Year Academic Map – 2014-2015

Year 1	Semester 1			Semester 2			Total
	ENGL 1303	First Year Writing I	3	ENGL 1304	First Year Writing II	3	
	CHEM 1111	Fundamentals of Chemistry Lab	1	CHEM 1112	Fundamentals of Chemistry Lab	1	
	CHEM 1331	Fundamentals of Chemistry	3	CHEM 1332	Fundamentals of Chemistry	3	
	GEOL 1130	Physical Geology Laboratory	1	MATH 1432	Calculus II	4	
	GEOL 1330	Physical Geology	3	CORE	Social & Behavioral Sciences	3	
	MATH 1431	Calculus I	4				
	Semester Hours			15	Semester Hours		14

Year 2	Semester 1			Semester 2			
	GEOL 3370	Mineralogy	3	GEOL 3340	Geologic Field Methods	3	
	MATH 2433	Calculus III	4	GEOL 3372	Petrography	3	
	PHYS 1121	Physics Laboratory I	1	MATH 3321	Engineering Mathematics	3	
	PHYS 1321	University Physics I	3	PHYS 1122	Physics Laboratory II	1	
	CORE	Creative Arts	3	PHYS 1322	University Physics II	3	
				CORE	Writing in the Disciplines	3	
Semester Hours			14	Semester Hours		16	30

Year 3	Semester 1			Semester 2			
	GEOL 4330	Introduction to Geophysics	3	GEOL 3145	Structural Geology Laboratory	1	
	GEOL 3150	Principles of Stratigraphy Laboratory	1	GEOL 3345	Structural Geology	3	
	GEOL 3350	Stratigraphy	3	MATH 3363	Intro to Partial Differential Equations	3	
	POLS 1336	US and Texas Constitutions & Politics	3	POLS 1337	US Gov: Congress, President, & Courts	3	
	Elective	Advanced Geophysics Elective	3	Elective	Advanced Geophysics Elective	3	
				CORE	Language, Philosophy & Culture	3	
Semester Hours			13	Semester Hours		16	29

Summer Semester: GEOL 4355- Geophysical Field Camp (3.0 Credit Hours)

Year 4	Semester 1			Semester 2				
	Elective	Advanced Geophysics Elective	3	Elective	Advanced Geoscience Elective	3		
	HIST 1377	The United States to 1877	3	Elective	Advanced Geophysics Elective	3		
	Elective	NSM Capstone or Electives	6	HIST 1378	The United States Since 1877	3		
	MATH 3364	Introduction to Complex Analysis	3	Elective	NSM Capstone or Electives	5		
	Semester Hours			15	Semester Hours		14	
							120	

Students should meet with their academic advisor to formulate their own plan

