



**College of Natural Sciences & Mathematics**  
**Bachelor of Science - Environmental Sciences**  
**Option A : Environmental Geosciences**  
**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 1331	Fundamentals of Chemistry	3	CHEM 1332	Fundamentals of Chemistry II	3	
	CHEM 1111	Fundamentals of Chemistry Lab	1	CHEM 1112	Fundamentals of Chemistry II Lab	1	
	GEOL 1330	Physical Geology	3	GEOL 1350	Introduction to Meteorology and	} 4	
	GEOL 1130	Physical Geology Lab	1	GEOL 1150	Introductory Meteorology Lab <b>OR</b>		
	MATH 1431	Calculus I	4	GEOL 1302	Intro to Global Climate Change and		
				GEOL 1102	Introduction to Climate Change Lab		
			MATH 1432	Calculus II	4		
Semester Hours			15	Semester Hours		15	30

Year 2	Semester 1			Semester 2			
	PHYS 1321	University Physics I	3	PHYS 1322	University Physics II	3	
	PHYS 1121	Physics Laboratory I	1	PHYS 1122	Physics Laboratory II	1	
	MATH 2433	Calculus III	4	GEOL 3340	Geologic Field Methods	3	
	GEOL 3370	Mineralogy	3	MATH 3339	Statistics for the Sciences	3	
	Elective	Group 1 or 2 Elective (Option A)	3	Elective	Group 1 Elective (Option A)	3	
	CORE	Social & Behavioral Sciences	3	Elective	Group 2 Elective (Option A)	3	
Semester Hours			17	Semester Hours		16	33

Year 3	Semester 1			Semester 2			
	BIOL 1361	Introduction to Biological Science	3	BIOL 1362	Introduction to Biological Science	3	
	BIOL 1161	Intro to Biological Science Lab	1	BIOL 1162	Intro to Biological Science Lab	1	
	HIST 1377	The United States to 1877	3	HIST 1378	The United States Since 1877	3	
	Elective	Group 1 Elective (Option A)	3	CORE	Writing in the Disciplines	3	
	Elective	Group 1 Elective (Option A)	3	Elective	Group 1 Elective (Option A)	3	
			Elective	Group 2 Elective (Option A)	3		
Semester Hours			13	Semester Hours		16	29

Year 4	Semester 1			Semester 2			
	CORE	Language, Philosophy & Culture	3	Elective	Group 2 Elective (Option A)	3	
	Elective	Group 1 or 2 Elective (Option A)	3	Elective	Group 2 Elective (Option A)	3	
	Elective	Group 2 Elective (Option A)	3	Elective	NSM Capstone or Electives	4	
	CORE	Creative Arts	3	POLS 1337	US Govt: Congress, President, & Courts	3	
	POLS 1336	US & Texas Constitution & Politics	3				
Semester Hours			15	Semester Hours		13	28
							120

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

