

# COLLEGE OF NATURAL SCIENCES & MATHEMATICS

## Bachelor of Arts, Earth Science Four-Year Academic Map 2016-2018

YEAR 1	Semester 1 Fall				Semester 2 Spring				Total	
	GEOL 1130	Physical Geology Laboratory	1		GEOL 1176	Historical Geology Laboratory	1			
	GEOL 1330	Physical Geology	3		GEOL 1376	Historical Geology	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			
	ENGL 1303	First Year Writing I	3		ENGL 1304	First Year Writing II	3			
	MATH 1431	Calculus I	4		MATH 1432	Calculus II	4			
	Semester Hours				15	Semester Hours				15

YEAR 2	Semester 1				Semester 2				Total	
	GEOL 3370	Mineralogy	3		GEOL 3340	Geologic Field Methods	3			
	POLS 1336	US & Texas Constitutions & Politics	3		GEOL 3372	Petrography	3			
	CORE	Creative Arts	3		POLS 1337	US Govt: Congress, Pres, & Courts	3			
	BIOL 1361	Introduction to Biological Science	3		CORE	Social & Behavioral Sciences	3			
	BIOL 1161	Intro to Biological Science Lab	1		BIOL 1362	Introduction to Biological Science	3			
	GEOL	1302/1102 or 1350/1150	4		BIOL 1162	Intro to Biological Science Lab	1			
	Semester Hours				17	Semester Hours				16

YEAR 3	Semester 1				Semester 2				Total	
	Elective	Approved GEOL Elective	3		Elective	Approved GEOL Elective (Advanced)	3			
	GEOL 3378	Principles of Atmospheric Science	3		PHYS 1102	General Physics Laboratory II	1			
	PHYS 1101	General Physics Laboratory I	1		PHYS 1302	Introductory to General Physics II	3			
	PHYS 1301	Introductory General Physics I	3			Foreign Language at 2000 level	3			
		Foreign Language at 2000 level	3							
	HISTORY 1377	The United States to 1877	3		HISTORY 1378	The United States since 1877	3			
	Semester Hours				16	Semester Hours				13

YEAR 4	Semester 1				Semester 2				Total	
	CORE	Language, Philosophy & Culture	3		CORE	Writing in the Disciplines	3			
	Elective	Approved GEOL Elective (Advanced)	3		GEOL 3377	Oceanography	3			
	Elective	Approved Elective (Advanced)	4		Elective	Approved Advanced Elective	6			
	Elective	NSM Capstone or Approved Advanced Elective	3		Elective	NSM Capstone or Approved Advanced Elective	3			
	Semester Hours				13	Semester Hours				15
									120	

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