

# COLLEGE OF NATURAL SCIENCES & MATHEMATICS

## Bachelor of Arts, Earth Science Four-Year Academic Map 2022-2023

YEAR 1	Semester 1 Fall				Semester 2 Spring			Total
	GEOL 1103	Physical Geology Laboratory	1	GEOL	1302/1102 or 1347/1147	4		
	GEOL 1330	Physical Geology	3					
	CHEM 1111	Fundamentals of Chemistry Lab	1	CHEM 1112	Fundamentals of Chemistry Lab	1		
	CHEM 1311	Fundamentals of Chemistry	3	CHEM 1312	Fundamentals of Chemistry	3		
	ENGL 1301	First Year Writing I	3	ENGL 1302	First Year Writing II	3		
	MATH 2413	Calculus I	4	MATH 2414	Calculus II	4		
	Semester Hours		15	Semester Hours		15	30	

YEAR 2	Semester 1				Semester 2			Total
	GEOL 3370	Mineralogy	3	GEOL 3340	Geologic Field Methods	3		
	GOVT 2306	US & Texas Constitutions & Politics	3	GEOL 3372	Petrography	3		
	CORE	Creative Arts	3	GOVT 2305	US Govt: Congress, Pres, & Courts	3		
	BIOL 1306	Introduction to Biological Science	3	CORE	Social & Behavioral Sciences	3		
	BIOL 1106	Intro to Biological Science Lab	1	BIOL 1307	Introduction to Biological Science	3		
	GEOL 1304	Historical Geology	3	BIOL 1107	Intro to Biological Science Lab	1		
	GEOL 1104	Historical Geology Laboratory	1					
	Semester Hours		17	Semester Hours		16	33	

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	CORE	American History	3		
	CORE	American History	3					
	Semester Hours		16	Semester Hours		13	29	

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	28	
						120		

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