

COLLEGE OF NATURAL SCIENCES & MATHEMATICS

Bachelor of Arts, Earth Science Four-Year Academic Map 2023-2024

YEAR 1	Semester 1 Fall				Semester 2 Spring				Total
	GEOL 1103	Physical Geology Laboratory	1	GEOL 1104	Historical Geology Laboratory	1			
	GEOL 1303	Physical Geology	3	GEOL 1304	Historical 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	1302/1102 or 1347/1147	4	BIOL 1107	Intro to Biological Science Lab	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.