

COLLEGE OF NATURAL SCIENCES & MATHEMATICS

Bachelor of Arts, Earth Science Four-Year Academic Map 2024-2025

YEAR 1	Semester 1 Fall			Semester 2 Spring			Total	
	GEOL 1103	Physical Geology Lab	1	GEOL 1104	Historical Geology Lab	1		
	GEOL 1303	Physical Geology	3	GEOL 1304	Historical Geology	3		
	CHEM 1111	Fundamentals of Chemistry I Lab	1	CHEM 1112	Fundamentals of Chemistry II Lab	1		
	CHEM 1311	Fundamentals of Chemistry I	3	CHEM 1312	Fundamentals of Chemistry II	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

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	Intro to Biological Science	3	CORE	Social & Behavioral Sciences	3		
	BIOL 1106	Intro to Biological Science Lab	1	BIOL 1307	Intro to Biological Science	3		
	GEOL 1302/1102 or GEOL 1347/1147	<i>Intro to Meteorology & Intro to Meteorology Lab OR Intro to Global Climate Change & Intro to Global Climate Change Lab</i>	4	BIOL 1107	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	Advanced Approved GEOL Elective (3000 or 4000 level)	3		
	GEOL 3378	Principles of Atmospheric Science	3	PHYS 1102	College Physics Lab II	1		
	PHYS 1101	College Physics Lab I	1	PHYS 1302	College Physics II	3		
	PHYS 1301	College 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

YEAR 4	Semester 1			Semester 2			Total	
	CORE	Language, Philosophy & Culture	3	CORE	Writing in the Disciplines	3		
	Elective	Advanced Approved GEOL Elective (3000 or 4000 level)	3	GEOL 3377	Oceanography	3		
	Elective	Approved Advanced Elective	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.