

COLLEGE OF NATURAL SCIENCES & MATHEMATICS

Bachelor of Science, Geology Four-Year Academic Map 2024-2025

YEAR 1	Semester 1 Fall			Semester 2 Spring			Total
	ENGL 1301	First Year Writing I	3	ENGL 1302	First Year Writing II	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	
	GEOL 1103	Physical Geology Laboratory	1	MATH 2414	Calculus II	4	
	GEOL 1303	Physical Geology	3	CORE	Social & Behavioral Sciences	3	
	MATH 2413	Calculus I	4				
	Semester Hours		15	Semester Hours		14	29

YEAR 2	Semester 1			Semester 2			Total
	GEOL 3370	Mineralogy	3	GEOL 3340	Geologic Field Methods	3	
	GEOL 3130	Paleobiology Laboratory	1	GEOL 3372	Petrography	3	
	GEOL 3330	Paleobiology	3	PHYS 2326	University Physics II	3	
	MATH 2415	Calculus III	4	PHYS 2126	University Physics Laboratory II	1	
	PHYS 2325	University Physics I	3	CORE	Language, Philosophy & Culture	3	
	PHYS 2125	University Physics I Lab	1	CORE	Creative Arts	3	
	Semester Hours		15	Semester Hours		16	31

YEAR 3	Semester 1			Semester 2			Total
	GEOL 3150	Principles of Stratigraphy Lab	1	GEOL 3145	Structural Geology Laboratory	1	
	GEOL 3350	Stratigraphy	3	GEOL 3345	Structural Geology	3	
	GEOL 3373	Igneous & Metamorphic Petrogenesis	3	GEOL 3374	Sedimentary Petrogenesis	3	
	GEOL 3320	Principles of Geophysics	3	CORE	American History	3	
	CORE	American History	3	Elective	Approved Elective	3	
	CORE	Writing in the Discipline	3				
	Semester Hours		16	Semester Hours		13	29
	Summer Session			Summer Session			
	GEOL 3355	Field Geology I	3	GEOL 3360	Field Geology II	3	
			Total Summer Hours			6	

YEAR 4	Semester 1			Semester 2			Total
	Elective	Geoscience Elective (3000 or 4000 level)	3	Elective	Geoscience Elective (3000 or 4000 level)	3	
	GOVT 2306	US & Texas Constitutions & Politics	3	GOVT 2305	US Gov: Congress, President & Courts	3	
	Elective	Approved Elective	7	Elective	Approved Elective	6	
	Semester Hours		13	Semester Hours		12	25
						120	

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