



COLLEGE OF NATURAL SCIENCES & MATHEMATICS

Bachelor of Arts, Earth Science

Four-Year Academic Map 2019-2020

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 1378	The United States since 1877	3		
	HISTORY 1377	The United States to 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.