

COLLEGE OF NATURAL SCIENCES & MATHEMATICS

Bachelor of Arts, Chemistry

Four-Year Academic Map 2019-2020

YEAR 1	Semester 1 Fall			Semester 2 Spring			Total
	ENGL 1303	First Year Writing I	3	ENGL 1304	First Year Writing II	3	
	CHEM 1331	Fundamentals of Chemistry I	3	CHEM 1332	Fundamentals of Chemistry II	3	
	CHEM 1111	Fundamentals of Chemistry I Lab	1	CHEM 1112	Fundamentals of Chemistry II Lab	1	
	MATH 1431	Calculus 1	4	MATH 1432	Calculus II	4	
	HIST 1377	The United States to 1877	3	HIST 1377	The United States Since 1877	3	
	CORE	Social & Behavioral Sciences	3				
	Semester Hours			17	Semester Hours		14

YEAR 2	Semester 1			Semester 2			Total
	CHEM 3331	Fundamentals of Organic Chemistry I	3	CHEM 3332	Fundamentals of Organic Chem II	3	
	CHEM 3221	Fundamentals of Organic Chem I Lab	2	CHEM 3222	Funds of Organic Chem II Lab	2	
	MATH 2433	Calculus III	4	MATH 3321	Engineering Mathematics	3	
	PHYS 1321	University Physics I	3	PHYS 1322	University Physics	3	
	CORE	Writing in the Discipline	3	PHYS 1121	Physics Laboratory I	1	
				Elective	Approved Elective	3	
	Semester Hours			15	Semester Hours		15

YEAR 3	Semester 1			Semester 2			Total
	CHEM 4370	Physical Chemistry I OR	3	CHEM 3369	Analytical Chemistry	3	
	CHEM 4372	Survey of Physical Chemistry II		CHEM 3119	Analytical Chemistry Laboratory	1	
	PHYS 1122	Physics Laboratory II	1	POLS 1337	U.S. Govt: Congress, Pres, Courts	3	
	POLS 1336	U.S. & Texas Constitution & Politics	3	CORE	Language, Philosophy & Culture	3	
		Creative Arts	3		NSM Capstone or Elective	3	
	CORE	Foreign Language (2000-level)	3		Foreign Language (2000-level)	3	
	Semester Hours			13	Semester Hours		16

YEAR 4	Semester 1			Semester 2			Total
	Elective	Approved Advanced Chemistry	4	Elective	Approved Advanced Chemistry	3	
		Electives			Electives		
		NSM Capstone or Elective	11		NSM Capstone or Elective	12	
Semester Hours			15	Semester Hours		15	30
							120

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