

COLLEGE OF NATURAL SCIENCES & MATHEMATICS

Bachelor of Arts, Chemistry

Four-Year Academic Map 2020-2021

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 1378	The United States Since 1877	3		
	CORE	Social & Behavioral Sciences	3					
Semester Hours			17	Semester Hours			14	31

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	30

YEAR 3	Semester 1			Semester 2			Total	
	CHEM 4370	Physical Chemistry I OR	3	CHEM 3369	Analytical Chemistry	3		
	CHEM 4372	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	29

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

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