

COLLEGE OF NATURAL SCIENCES & MATHEMATICS

Bachelor of Arts, Chemistry Four-Year Academic Map 2022-2023

YEAR 1	Semester 1 Fall			Semester 2 Spring			Total
	ENGL 1301	First Year Writing I	3	ENGL 1302	First Year Writing II	3	
	CHEM 1311	Fundamentals of Chemistry I	3	CHEM 1312	Fundamentals of Chemistry II	3	
	CHEM 1111	Fundamentals of Chemistry I Lab	1	CHEM 1112	Fundamentals of Chemistry II Lab	1	
	MATH 2413	Calculus 1	4	MATH 2414	Calculus II	4	
	CORE	American History	3	CORE	American History	3	
	CORE	Social & Behavioral Sciences	3				
	Semester Hours	17	Semester Hours	14		31	

YEAR 2	Semester 1			Semester 2			Total
	CHEM 2323	Organic Chemistry I	3	CHEM 2325	Organic Chemistry II	3	
	CHEM 2123	Organic Chemistry I Lab	1	CHEM 2125	Organic Chemistry II Lab	1	
	MATH 2415	Calculus III	4	MATH 3321	Engineering Mathematics	3	
	PHYS 2325	University Physics I	3	PHYS 2326	University Physics II	3	
	CORE	Writing in the Discipline	3	PHYS 2125	University Physics I Laboratory	1	
				Elective	Approved Elective	3	
	Semester Hours	14	Semester Hours	14		28	

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 2126	University Physics II Laboratory	1	GOVT 2305	U.S. Govt: Congress, Pres, Courts	3	
	GOVT 2306	U.S. & Texas Constitution & Politics	3	CORE	Language, Philosophy & Culture	3	
	CORE	Creative Arts	3		NSM Capstone or Elective	3	
		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	6	Elective	Approved Advanced Chemistry Electives	5	
		NSM Capstone or Elective	10		NSM Capstone or Elective	11	
		Semester Hours	16		Semester Hours	16	32
						120	

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