

Texas A&M University-Kingsville®

College of Arts and Sciences

Bachelor of Art, Chemistry, with Teaching Certification

Four-Year Academic Map 2019-2020

YEAR 1	Semester 1 Fall		Semester 2 Spring	
	CHEM 1311 & CHEM 1111 - Gen Inorg Chem I & Gen Chem Lab I		CHEM 1312 & CHEM 1112 - Gen Inorg Chem II & Gen Inorg Chem Lab II	
	ENGL 1301 - Rhetoric and Composition		ENGL 1302 - Rhetoric and Composition	
	MATH 1348 - Analytic Geometry		MATH 2413 - Calculus I	
	UNIV 1201 - Learning in Global Context		POLS 2301 - Government and Politics of US	
	Foreign language		Foreign language	
	Semester Hours 15		Semester Hours 17	
YEAR 2	Semester 1 Fall		Semester 2 Spring	
	CHEM 2401 - Inorg Quantitative Analysis		CHEM 3325 & CHEM 3125 - Organic Chem II & Organic Chemistry Lab II	
	CHEM 3323 & CHEM 3123 - Organic Chem I & Organic Chem Lab I		HIST 1301 - American History to 1877	
	MATH 2414 - Calculus II		PHYS 1302 & PHYS 1102 - College Physics II & College Physics II Lab	
	PHYS 1301 & PHYS 1101 - College Physics I & Coll Physics I Lab		POLS 2302 - Government and Politics of TX	
			Communications	
	Semester Hours 16		Semester Hours 17	
YEAR 3	Semester 1 Fall		Semester 2 Spring	
	CHEM 3331 - Physical Chemistry I		CHEM 3332 - Physical Chemistry II	
	CHEM 4131 - Physical Chem Measurements I		CHEM 4132 - Physical Chem Measurements II	
	HIST 1302 - American History since 1877		EDED 3302 - Develop Behavior of Children and Adolescents	
	Creative arts		EDED 3310 - Intro to Instructional Design	
	Social/Behavioral		EDED 3333 - Classroom Management and Org in Middle School	
	Foreign language		Foreign language	
Semester Hours 16		Semester Hours 16		Total 32
YEAR 4	Semester 1 Fall		Semester 2 Spring	
	EDED 3332 - Curr Mats Development and Plan		EDED 4623 - Sec School Student Teaching	
	EDED 3362 - Instr Mthds and Strat Sec Sch		EDRG 4314 - Develop Correct Rdg for Sec Sch	
	EDSE 4349 - Foundations Special Educ (WI)			
	CHEM, advanced			
	Semester Hours 14		Semester Hours 9	

*State of Texas Core Curriculum

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

