

COLLEGE OF EDUCATION

Bachelor of Science, Teaching & Learning

Science Grades 4th – 8th

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	
	MATH 1314	College Algebra*	3	MATH 1351	Introduction to Geometric Reasoning *	3	
	HIST 1301	The United States to 1877*	3	HIST 1302	The United States since 1877*	3	
	CHEM 1305	Foundations of Chemistry*	3	BIOL 1308/09	Biology for Non-Science Majors I/ II (lecture)	3	
	CORE	Lang., Phil & Culture*	3	CORE	Creative Arts*	3	
	Semester Hours		15	Semester Hours		15	30

YEAR 2	Semester 1 Fall			Semester 2 Spring			Total
	CORE	Writing in the Disciplines*	3	CUIN 1350	Mathematics for Teachers 1 * OR	3	
	MATH 2312	Pre-Calculus*	3	MATH 2303	Concepts in Algebra	3	
	GOVT 2306	US and Texas Constitution and Politics*	3	HDFS 3300	Intro to Ed. Psychology	3	
	GOVT 2305			GOVT 2305	US Government: Congress, President, & Courts*	3	
	GEOL 1303	Physical Geology (lecture) *	3	BIOL 1307	Biology for Science Majors II (lecture) *	3	
	CORE	Social & Behavioral Sciences*	3	PHYS 1301	College Physics I (lecture) *	3	
	Semester Hours		15	Semester Hours		15	30

YEAR 3	Semester 1 Fall - Pre-Teaching**			Semester 2 Spring - Developing Teaching			Total
	CUIN 3321	Intro to Teaching: Middle Grades	3	CUIN 4325	Teaching Science in Grades 4-8 I	3	
	CUIN 3312	Educational Technology	3	CUIN 4315	Assessment of Children	3	
	CUIN 4331	Adolescent Literature	3	PHYS 4345	Physics for Pre-Service Teachers	3	
	GEOL 1304	Historical Geology	3	CUIN 3347	Reading in the Content Areas	3	
	CUIN 4101	Content for Teaching	1	EDUC 3101	Practicum for Preservice Teachers	1	
	CUIN 3352	Perspectives in Math & Science	3	PHYS 1304/03	Solar System (lecture)/ Stars & Galaxies	3	
	CUIN 1103	Dev. of Educator Dispositions	1				
	Semester Hours		17	Semester Hours		16	33

YEAR 4	Semester 1 Fall - Student Teaching 1			Semester 2 Spring - Student Teaching 2			Total
	CUIN 4375	Classroom Management	3	CUIN 4361	Second Language Methodology	3	
	CUIN 3302	Social Education	3	EDUC 2301	Introduction to Special Populations	3	
	Science Elective	Life & Physical Science	3	CUIN 3333	Differentiating Curr., Inst., and Assess. for Diverse Learners	3	
	EDUC 4324	Student Teaching and Integrated Tech: Middle School	3	EDUC 4325	Student Teaching and Integrated Tech: Middle School	3	
	CUIN 4326	Teaching Science in Grades 4-8 II	3				
	Semester Hours		15	Semester Hours		12	27
							120

*State of Texas Core Curriculum.

** Student must be formally admitted to Teacher Education program prior to Pre-Teaching Semester.

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