

**COLLEGE OF EDUCATION**  
**Bachelor of Science, Teaching & Learning**  
**Science Grades 4<sup>th</sup> – 8<sup>th</sup>**  
**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	
	MATH 1310	College Algebra*	3	MATH 1312	Introduction to Mathematical Reasoning*	3	
	HIST 1377	The United States to 1877*	3	HIST 1378	The United States since 1877*	3	
	CHEM 1301	Foundations of Chemistry*	3	BIOL 1310/1320	General Biology 1/2*	3	
	CORE	Lang, Phil & Culture from list*	3	CORE	Creative and Visual Arts from List	3	
	Semester Hours			15	Semester Hours		15

YEAR 2	Semester 1 Fall			Semester 2 Spring			Total
	CORE	Writing in the Disciplines from list*	3	CUIN 2320	Math for EC-6 Teachers or	3	
	MATH 1330	Pre-Calculus*	3		Math 2303 Concepts in Algebra		
	POLS 1336	US & TX Constitutions & Politics*	3	POLS 1337	US Gov.: Cong., Pres. & Courts*	3	
	GEOL 1330	Physical Geology*	3	CORE	Social & Behavioral Sciences*	3	
	BIOL 1362	Intro. to Biological Sciences	3	PHYS 1301	Introductory General Physics	3	
				HDFS 3300	Intro to Ed. Psychology	3	
Semester Hours			15	Semester Hours		15	30

YEAR 3	Semester 1 Fall			Semester 2 Spring			Total
	CUIN 3321	Intro to Teaching: Middle Grades	3	CUIN 4325	Teaching Science in Grades 4-8	3	
	CUIN 3312	Ed. Tech. for Adolescents	3	CUIN 4315	Assessment of Children	3	
	CUIN 4331	Adolescent Literature	3	PHYS 4345	Physics for Pre-Service Teachers	3	
	PHYS 1305/1306	Astronomy	3	CUIN 3347	Reading in the Content Areas	3	
	CUIN 4101	Content for Teaching	1	EDUC 3101	Practicum for Pres. Teachers	1	
	CUIN 3352	Perspective in Math and Sci.	3	GEOL 1376	Historical Geology	3	
	CUIN 1103	Dev. of Educator Dispositions	1				
	Semester Hours			17	Semester Hours		16

YEAR 4	Semester 1 Fall			Semester 2 Spring			Total
	CUIN 4375	Classroom Management	3	CUIN 4361	Second Language Methodology	3	
	CUIN 3302	Social Education	3	SPEC 3360	Individuals with Disabilities	3	
	Science Elective		3	CUIN 3333	Dif. Inst. For Diverse Learners	3	
	CUIN 4326	Teaching Science in Grades 4-8 (2)	3	EDUC 4325	Student Teaching and Integrated Tech.-Middle School	3	
	EDUC 4324	Student Teaching and Integrated Tech.-Middle School	3				
	Semester Hours			15	Semester Hours		12
							120

\*State of Texas Core Curriculum.

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