

Freshman Year							
Fall Term				Spring Term			
Course	Course Number	Course Description	Required Credit Hours	Course	Course Number	Course Description	Required Credit Hours
BIOL	1306	Biology for Science Majors I	3	BIOL	1307	Biology for Science Majors II	3
BIOL	1106	Biology for Science Majors I Lab	1	BIOL	1107	Biology for Science Majors II Lab	1
CHEM	1311	General Chemistry I	3	CHEM	1312	General Chemistry II	3
CHEM	1111	General Chemistry I Lab	1	CHEM	1112	General Chemistry II Lab	1
ENGL	1301	Rhetoric and Composition	3	ENGL	1302	Research and Argument	3
		SPCH	3			Additional Math	3
JTCH	1101	Step 1: Inquiry Approaches to STEM Teaching	1	JTCH	1102	Step 2: Inquiry-Based Lesson Design	1
Total Semester Hours			15	Total Semester Hours			15
Sophomore Year							
Fall Term				Spring Term			
Course	Course Number	Course Description	Required Credit Hours	Course	Course Number	Course Description	Required Credit Hours
BIOL	2361	Plant Form and Function	3	BIOL	2371	Animal Form and Function	3
BIOL	2061	Plant Form and Function Lab	0	BIOL	2071	Animal Form and Function Lab	0
MATH	2211	Pre-Calculus A	2	MATH	2212	Pre-Calculus B	2
MATH	2011	Pre-Calculus A Lab	0	MATH	2012	Pre-Calculus B Lab	0
		Additional Science	4	ENGL	2311	Technical Writing	3
COSC	1301	Intro to Computing	3	JTCH	4351	Research Methods	3
		Additional Science	4	JTCH	3301	Knowing and Learning in Math and Science	3

Total Semester Hours				16	Total Semester Hours				14
Junior Year									
Fall Term					Spring Term				
Course	Course Number	Course Description	Required Credit Hours		Course	Course Number	Course Description	Required Credit Hours	
BIOL	3421	Microbiology for Science Majors	4		BIOL	3381	General Ecology	3	
BIOL	3021	Microbiology for Science Majors Lab	0		BIOL	3081	General Ecology Lab	0	
MATH	2313	Calculus I	3		BIOL	3440	Animal Physiology	4	
MATH	2113	Calculus I Lab	1		BIOL	3040	Animal Physiology Lab	0	
		Creative Arts	3						
GOVT	2305	Federal Government	3				Social Science	3	
JTCH	3361	Perspectives on Science and Mathematics	3		GOVT	2306	Texas Government	3	
					JTCH	3311	Classroom Interactions	3	
Total Semester Hours				17	Total Semester Hours				16
Senior									
Fall Term					Spring Term				
Course	Course Number	Course Description	Required Credit Hours		Course	Course Number	Course Description	Required Credit Hours	
BIOL	4389	Evolution	3		HIST	1302	United States History II	3	
BIOL	3443	Comparative Vertebrate Anatomy	4		JTCH	4901	Apprentice Teaching	9	
BIOL	3043	Comparative Vertebrate Anatomy Lab	0						
BIOL	4199	Senior Seminar	1						
		LPC	3						
HIST	1301	United States History I	3						

JTCH	4301	Project Based Instruction	3				
Total Semester Hours			17	Total Semester Hours			12

Total Hours 122