

Freshman Year							
Fall Term				Spring Term			
Course	Course Number	Course Description	Required Credit Hours	Course	Course Number	Course Description	Required Credit Hours
MATH	2313	Calculus I	3	MATH	2314	Calculus II	3
MATH	2113	Calculus I Lab	1	MATH	2114	Calculus II Lab	1
ENGL	1301	Rhetoric and Composition	3	ENGL	1302	Research and Argument	3
HIST	1301	United States History I	3	HIST	1302	United States History II	3
		Additional Science	4			Additional Science	4
JTCH	1101	Step 1: Inquiry Approaches to STEM Teaching	1	JTCH	1102	Step 2: Inquiry-Based Lesson Design	1
<b>Total Semester Hours</b>			15	<b>Total Semester Hours</b>			15
Sophomore Year							
Fall Term				Spring Term			
Course	Course Number	Course Description	Required Credit Hours	Course	Course Number	Course Description	Required Credit Hours
MATH	3315	Calculus III	3	MATH	3330	Differential Equations	3
MATH	3115	Calculus III Lab	1	MATH	3345	Statistical Inference	3
MATH	3180	Seminar in Mathematics I	1	GOVT	2301	Federal Government	3
MATH	3340	Probability Modeling	3			Additional Science	4
		SPCH	3	JTCH	4351	Research Methods	3
CSCI	1302	Computer Science Principles	3	JTCH	3301	Knowing and Learning in Math and Science	3
JTCH	3351	Functions and Modeling	3				

<b>Total Semester Hours</b>				17	<b>Total Semester Hours</b>				19
<b>Junior Year</b>									
<b>Fall Term</b>					<b>Spring Term</b>				
<b>Course</b>	<b>Course Number</b>	<b>Course Description</b>	<b>Required Credit Hours</b>		<b>Course</b>	<b>Course Number</b>	<b>Course Description</b>	<b>Required Credit Hours</b>	
MATH	3360	Intro to Modern Mathematics	3		MATH	3365	Linear Algebra	3	
GOVT	2306	Texas Government	3		MATH	3370	College Geometry	3	
		Additional Science	4		JTCH	3311	Classroom Interactions	3	
JTCH	3361	Perspectives on Science and Mathematics	3				Creative Arts	3	
							Social Science	3	
<b>Total Semester Hours</b>			13		<b>Total Semester Hours</b>			15	
<b>Senior Year</b>									
<b>Fall Term</b>					<b>Spring Term</b>				
<b>Course</b>	<b>Course Number</b>	<b>Course Description</b>	<b>Required Credit Hours</b>		<b>Course</b>	<b>Course Number</b>	<b>Course Description</b>	<b>Required Credit Hours</b>	
MATH	4330	Intro to Analysis I	3		MATH	4335	Intro to Analysis II	3	
MATH	4320	Intro to Algebraic Systems	3		JTCH	4901	Apprentice Teaching	9	
MATH	4180	Seminar in Mathematics II	1						
		LPC	3						
		Component Area	3						
JTCH	4301	Project Based Instruction	3						
<b>Total Semester Hours</b>			16		<b>Total Semester Hours</b>			12	