

First Year			
Fall Term			
Course	Course Number	Course Group/Description	Required Credit Hours
BIOL	1306	Biology for Science Majors I	3
BIOL	1106	Biology for Science Majors I Lab	1
JTCH	1101	Step One (Step I: Inquiry Approaches to STEM Teaching	1
ENGL	1301	Rhetoric and Composition	3
		Core SPCH	3
CHEM	1311	General Chemistry I	3
CHEM	1111	General Chemistry I Lab	1
		#N/A	
<b>Total Semester Hours</b>			<b>15</b>
Spring Term			
Course	Course Number	Course Group/Description	Required Credit Hours
BIOL	1307	Biology for Science Majors II	3
BIOL	1107	Biology for Science Majors II Lab	1
MATH	1342	Introduction to Probability and Statistics	3
ENGL	1302	Research and Argument	3
JTCH	1102	Step Two (Step II: Inquiry-Based Lesson Design	1
CHEM	1312	General Chemistry II	3
CHEM	1112	General Chemistry II Lab	1
<b>Total Semester Hours</b>			<b>15</b>
Second Year			
Fall Term			
Course	Course Number	Course Group/Description	Required Credit Hours
BIOL	2361	Plant Form-Function Lecture	3
BIOL	2061	Plant Form and Function Lab	0
MATH	2211	Precalculus A	2
MATH	2011	Precalculus A Lab	0
JTCH	3301	Knowing and Learning	3
BIOL	3453	Genetics (lecture)	4
BIOL	3053	Genetics (lab)	0
		Bio Teach Sciences	3
<b>Total Semester Hours</b>			<b>15</b>
Spring Term			
Course	Course Number	Course Group/Description	Required Credit Hours
BIOL	2371	Animal Form-Function Lecture	3
BIOL	2071	Animal Form-Function Lab	0
JTCH	3311	Classroom Interactions	3
MATH	2212	Precalculus B	2
MATH	2012	Precalculus B Lab	0
		Bio Teach Sciences	3
ENGL	2311	Technical and Scientific Writing	3
<b>Total Semester Hours</b>			<b>14</b>
Third Year			
Fall Term			
Course	Course Number	Course Group/Description	Required Credit Hours
COSC	1301	Introduction to Computing	3
BIOL	3421	Microbiology for Science Majors (lecture)	4
BIOL	3021	Microbiology for Science Majors (lab)	0
MATH	2313	Calculus I	3
MATH	2113	Calculus I Lab	1
JTCH	3361	Perspectives	3
<b>Total Semester Hours</b>			<b>14</b>
Spring Term			
Course	Course Number	Course Group/Description	Required Credit Hours
BIOL	3381	General Ecology (lecture)	3
BIOL	3081	General Ecology (lab)	0
BIOL	3440	Animal (Including Human) Physiology	4
BIOL	3040	Animal Physiology Lab	0
		Core S/BS	3
HIST	1301	Animal Physiology Lab	3
JTCH	4351	Animal Physiology Lab	3
<b>Total Semester Hours</b>			<b>16</b>
Fourth Year			
Fall Term			
Course	Course Number	Course Group/Description	Required Credit Hours
BIOL	4389	Evolution	3
BIOL	3443	Comparative Vertebrate Anatomy (lecture)	4
BIOL	3043	Comparative Vertebrate Anatomy (lab)	0
BIOL	4199	Seminar in Biology	1
GOVT	2305	Federal Government	3
HIST	1302	United States History II	3
JTCH	4301	PBI (Project Based Instruction)	3
<b>Total Semester Hours</b>			<b>17</b>
Spring Term			
Course	Course Number	Course Group/Description	Required Credit Hours
		Core LPC	3
		Core CA	3
GOVT	2306	Texas Government	3
JTCH	4701	Apprentice Teaching	7
<b>Total Semester Hours</b>			<b>16</b>
<b>Total Hours for Degree</b>			<b>122</b>

Course Group Key			
Course Group Name	Credit Hours	Courses in Group	
<b>Core SPCH</b>	<b>3</b>		
Public Speaking		SPCH	1315
Interpersonal Communication		SPCH	1318
Teamwork and Group Communication		SPCH	2333
<b>Core LPC</b>	<b>3</b>		
Literary Genres		ENGL	2335
Introduction to Mythology		ENGL	2309
British Literature to 1800		ENGL	2322
British Literature from 1800		ENGL	2323
American Literature to 1865		ENGL	2327
American Literature from 1865		ENGL	2328
World Literature to 1650		ENGL	2332
World Literature from 1650		ENGL	2333
Introduction to Literature		ENGL	2341
Western Civilization I		HIST	2311
Western Civilization II		HIST	2312
World Civilizations I		HIST	2321
World Civilizations II		HIST	2322
Introduction to Philosophy		PHIL	1301
Introduction to World Religions		PHIL	1304
Introduction to Ethics		PHIL	2306
<b>Core CA</b>	<b>3</b>		
Art Appreciation		ARTS	1301
Art History I (Prehistoric to the 14th century)		ARTS	1303
Art History II (14th Century to the present)		ARTS	1304
Dance Appreciation		DANC	2303
Theatre Appreciation		DRAM	1310
Film and Culture		DRAM	2366
Intro to Music Literature		MUMH	1307
Music Appreciation		MUSI	1306
<b>Core S/BS</b>	<b>3</b>		
Cultural Anthropology		ANTH	2351
Principles of Macroeconomics		ECON	2301
Principles of Microeconomics		ECON	2302
Intro to Human Dimensions and Recreation		FORS	2351
World Regional Geography		GEOG	1303
Survey of Mass Communication		MCOM	1307
General Psychology		PSYC	2301
Introduction to Sociology		SOCI	1301
<b>Bio Teach Sciences</b>	<b>3</b>		
Classical and Modern Astronomy		ASTR	1303
Introductory Geology		GEOL	1303
Historical Geology		GEOL	1304
Mechanics and Heat		PHYS	1301
Electricity, Sound and Light		PHYS	1302
<b>Bio Teach Lab</b>	<b>1</b>		
Classical and Modern Astronomy		ASTR	1103
Introductory Geology Lab		GEOL	1103
Historical Geology Lab		GEOL	1104
Mechanics and Heat Lab		PHYS	1101
Electricity, Sound and Light Lab		PHYS	1102