



## Science 4-8 Recommended 4 Year Course Sequence

Name:		ID Number:		
Course Information		Credit Hours	Term/Year	Grade
<b>Freshman Year First Semester</b>				
ENGL 1301 - College Composition I (Communication CORE)		3	0	0
MATH 1342 - Statistics I (Mathematics CORE)		3	0	0
HIST 1301 - United States History I (History CORE)		3	0	0
BIOL 1306 - General Biology I (Life & Physical Sciences CORE)		3	0	0
BIOL 1106 - General Biology I Lab		1	0	0
CMST 1315 - Introduction to Public Speaking (Communication CORE)		3	0	0
<b>Credit hours</b>		<b>16</b>		
<b>Freshman Year Second Semester</b>				
ENGL 1302 - College Composition II (Human Expression CORE)		3	0	0
MATH 1343 - Statistics II OR MATH 1314 - College Algebra		3	0	0
HIST 1302 - United States History II (History CORE)		3	0	0
BIOL 1307 - General Biology II		3	0	0
BIOL 1107 - General Biology II Lab		1	0	0
POLS 2305 - Introductory American Government (Government CORE)		3	0	0
<b>Credit hours</b>		<b>16</b>		
<b>Sophomore Year First Semester</b>				
ENGL Language, Philosophy, and Culture (CORE) Creative Arts CORE		3	0	0
		3	0	0
POLS 2306 - Introductory Texas Politics (Government CORE)		3	0	0
MATH 2312 - Pre Calculus (STEM CORE)		3	0	0
CHEM 1311 - General Chemistry I (Life & Physical Sciences CORE)		3	0	0
CHEM 1111 - General Chemistry I Lab		1	0	0
<b>Credit hours</b>		<b>16</b>		
<b>Sophomore Year Second Semester</b>				
EDUT 1170 - Inquiry Approaches to Teaching		1	0	0
EDUT 2170 - Inquiry Based Lesson Design		1	0	0
PHYS 1303- Introduction to Astronomy		3	0	0
CHEM 1312 - General Chemistry II		3	0	0
CHEM 1112 - General Chemistry II Lab		1	0	0
Social & Behavioral Science CORE		3	0	0
BIOL 3336 - Ecology		3	0	0
BIOL 3137 - Ecology Lab		1	0	0
<b>Credit hours</b>		<b>16</b>		
<b>Junior Year First Semester (Phase I)</b>				
PHYS 1301 - College Physics I		3	0	0
PHYS 1101 - College Physics I Lab		1	0	0
EDUT 3370 - Knowing & Learning in Math & Science		3	0	0
GEOL 3310 - Physical Geology and Astronomy		3	0	0
EDUC 4383 - Science Curriculum in the Elementary Classroom		3	0	0
<b>Credit hours</b>		<b>13</b>		

Students must be admitted into the School of Education prior to Phase II.

Junior Year Second Semester (Phase II)			
CHEM 3360 - Research Methods or Approved Elective	3	0	0
GEOL 3314 - Oceanography & Meteorology	3	0	0
EDUT 3371 - Classroom Interactions	3	0	0
BIOL 3339 - Plant Biology	3	0	0
BIOL 3139 - Plant Biology Lab	1	0	0
<b>Credit hours</b>	<b>13</b>		
Must Pass the TExES Exam 116 by August 15th for Spring Phase IV, or February 15th for Fall Phase IV			
Senior Year First Semester (Phase III)			
EDFB 4338 - Literacy in the Content Areas	3	0	0
EDUC 4314 - Teaching Science in the Middle & High School	3	0	0
EDUC 4370 - Project Based Instruction	3	0	0
CHEM 3370 - Perspectives on Science and Mathematics or Approved Elective	3	0	0
EDSP 3351 - Managing & Instructing Diverse Learners	3	0	0
<b>Credit hours</b>	<b>15</b>		
Senior Year Second Semester (Phase IV)			
EDUC 4940 - Clinical Teaching	9	0	0
EDUC 4357 - Clinical Teaching Seminar	3	0	0
EDUC 4378 - Methods for Teaching Secondary ELLS	3	0	0
<b>Credit hours</b>	<b>15</b>		
<b>Total Credit Hours</b>	<b>120</b>		