

**Education with Teaching Certification in Grades 4-8 (B.S.)**  
**Option 1: Science Concentration**  
 (Department of Education)  
Major Requirements

<u>Major Courses</u>	<u>Credits</u>	<u>Semester Completed</u>
<a href="#">[BIOL 106]</a> Life Sciences	3	
<i>One of the following:</i>	3	
<a href="#">[CIS 180]</a> Introduction to Computer Science and Information Systems (3)		
<a href="#">[CIS 181]</a> Computer Programming I (3)		
<a href="#">[COSC 171]</a> Problem Solving with Computers (3)		
<a href="#">[EDSP 207]</a> Intro to Special Education	3	
<a href="#">[EDSP 307]</a> Inclusion Practices	3	
<a href="#">[EDUC 201]</a> Education and American Society	3	
<a href="#">[EDUC 203]</a> Educational Psychology	3	
<a href="#">[EDUC 205]</a> Cultural & Political Geography	3	
<a href="#">[EDUC 210]/[TEP 210]</a> Sophomore Field Experience		
<a href="#">[EDUC 226]</a> Children's Literature	3	
<a href="#">[EDUC 302]</a> Literacy: Climate, Curr & Instr – II	3	
<a href="#">[EDUC 304]</a> Math: Climate, Curr & Instr – II	3	
<a href="#">[EDUC 305]</a> Middle Level Education	3	
<a href="#">[EDUC 308]</a> Instruction and Assessment with English Language Learners	3	
<a href="#">[EDUC 323]</a> Field Experience in Grades 6-8		
<a href="#">[EDUC 324]</a> Field Experience in Grades 4-5		
<a href="#">[EDUC 331]</a> Instr Des & Assessment for Middle & Sec Grades	3	
<a href="#">[EDUC 342]</a> Social Studies: Climate, Curr & Instr	3	
<a href="#">[EDUC 346]</a> Socio-Cultural Perspectives on Education	3	
<a href="#">[EDUC 347]</a> Science: Climate, Curr & Instr	3	
<a href="#">[EDUC 407]</a> Student Teaching Seminar	1	
<a href="#">[EDUC 420]</a> Professional Issues in Education	2	
<a href="#">[TEP 433]</a> Student Teaching for Middle Grades	8	
<a href="#">[ENGL 160]</a> World Literature	3	
<a href="#">[ESS 201]</a> Earth and Space Science	3	
<i>One of the following:</i>		
<a href="#">[HIST 141]</a> U.S. History Survey to 1865 (3)		
<a href="#">[HIST 142]</a> U.S. History Survey Since 1865 (3)		
<a href="#">[MATH 209]/[EDUC 209]</a> Principles & Structures of Mathematics	3	
<a href="#">[PHSC 102]</a> Foundations of Physical Science	3	
<a href="#">[PSYC 311]/[HDFS 311]</a> Adolescent Development	3	
<b>Concentration (21 credit minimum):</b>	21	
<a href="#">[BIOL 315]</a> Environmental Ethics (3)		
<i>At least one of the following:</i>		
<a href="#">[BIOL 117]</a> Field Biology (3)		
<a href="#">[BIOL 160]</a> Molecular and Cellular Biology (4)		
<a href="#">[BIOL 161]</a> Animal Form and Function (3)		
<a href="#">[BIOL 162]</a> Plant Form and Function (3)		
<a href="#">[BIOL 258]</a> Human Biology (4)		
<i>At least one of the following:</i>		
<a href="#">[CHEM 102]</a> Chemistry for Living (3)		
<a href="#">[CHEM 103]</a> Chemical Science (4)		
<a href="#">[CHEM 105]</a> General Chemistry I (4)		

<a href="#">[CHEM 106]</a> General Chemistry II (4)		
<a href="#">[MATH 101]/[MATH 102]/[MATH 108]/[MATH 109]/[MATH 111]</a> Mathematics elective (3-4)		
<i>At least one of the following:</i>		
<a href="#">[PHYS 201]</a> Introductory Physics I (4)		
<a href="#">[PHYS 202]</a> Introductory Physics II (4)		

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<u>Courses</u>	<u>Credits</u>	<u>Semester Completed</u>
First Year Seminar	3	
Oral Communications	3	
Created and Called for Community	3	
Mathematical Sciences ( <a href="#">[COSC 171]</a> , <a href="#">[CIS 180]</a> , <a href="#">[CIS 181]</a> , <a href="#">[MATH 101]</a> , <a href="#">[MATH 102]</a> , <a href="#">[MATH 108]</a> , <a href="#">[MATH 109]</a> , or <a href="#">[MATH 111]</a> )	3 or 4	<u>met by major</u>
Laboratory Science ( <a href="#">[BIOL 106]</a> & <a href="#">[PHSC 102]</a> )	3 or 4	<u>met by major</u>
Science, Technology & the World	3	<u>waived</u>
<b>Two</b> of the following:	6	
Social Science (3 credits – <a href="#">[EDUC 203]</a> )		<u>met by major</u>
European History		
United States History (3 credits – <a href="#">[HIST 141]</a> or <a href="#">[HIST 142]</a> )		<u>met by major</u>
Literature ( <a href="#">[ENGL 160]</a> )	3	<u>met by major</u>
Philosophy and Religion	3	<u>reduction</u>
Arts	3	
Language/Cross Cultural		
First Semester of Language	3	
Second Semester of Language	3	
Third Semester of Language or Cross Cultural	3	
Non-Western Studies	2 or 3	<u>waived</u>
Bible	3	
Christian Beliefs	3	
Health and Physical Fitness		
Introduction to Wellness	2	
Activity Course	1	
<b>One</b> of the following:	3	
Ethics (3 credits - <a href="#">[BIOL 315]</a> )		<u>met by major</u>
World Views (3 credits)		
Pluralism in Contemporary Society (3 credits)		
Writing Enriched Course		

SUMMARY OF DEGREE REQUIREMENTS:

General Education	30
Major Requirements	98
<b>Total</b>	<b>128</b>

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