

Education with Teaching Certification in Grades 4-8 (B.S.)
Option 2: Science and Math
 (Department of Education)
Major Requirements

<u>Major Courses</u>	<u>Credits</u>	<u>Semester Completed</u>
[BIOL 106] Life Sciences	3	
<i>One of the following:</i>	3	
[CIS 180] Introduction to Computer Science and Information Systems (3)		
[CIS 181] Computer Programming I (3)		
[COSC 171] Problem Solving with Computers (3)		
[EDSP 207] Intro to Special Education	3	
[EDSP 307] Inclusion Practices	3	
[EDUC 201] Education and American Society	3	
[EDUC 203] Educational Psychology	3	
[EDUC 205] Cultural & Political Geography	3	
[EDUC 210]/[TEP 210] Sophomore Field Experience		
[EDUC 226] Children's Literature	3	
[EDUC 302] Literacy: Climate, Curr & Instr – II	3	
[EDUC 304] Math: Climate, Curr & Instr – II	3	
[EDUC 305] Middle Level Education	3	
[EDUC 308] Instruction and Assessment with English Language Learners	3	
[EDUC 323] Field Experience in Grades 6-8		
[EDUC 324] Field Experience in Grades 4-5		
[EDUC 331] Instr Des & Assessment for Middle & Sec Grades	3	
[EDUC 342] Social Studies: Climate, Curr & Instr	3	
[EDUC 346] Socio-Cultural Perspectives on Education	3	
[EDUC 347] Science: Climate, Curr & Instr	3	
[EDUC 407] Student Teaching Seminar	1	
[EDUC 420] Professional Issues in Education	2	
[TEP 433] Student Teaching for Middle Grades	8	
[ENGL 160] World Literature (Soc. St. Conc.: ENGL 122-176)	3	
[ESS 201] Earth and Space Science	3	
<i>One of the following:</i>	3	
[HIST 141] U.S. History Survey to 1865 (3)		
[HIST 142] U.S. History Survey since 1865 (3)		
[MATH 209]/[EDUC 209] Principles & Structures of Mathematics	3	
[PHSC 102] Foundations of Physical Science	3	
[PSYC 311]/[HDFS 311] Adolescent Development	3	
Concentration: Science	9-10	
[BIOL 117] Field Biology (3)		
[BIOL 315] Environmental Ethics (3)		
<i>One of the following:</i>		
[CHEM 102] Chemistry for Living (3)		
[CHEM 103] Chemical Science (4)		
[CHEM 105] General Chemistry I (4)		
[PHYS 201] Introductory Physics I (4)		
Concentration: Math	12-13	
[MATH 111] Calculus I (4)		
[MATH 307] Secondary Mathematics/Physics Instruction (2)		

<i>One of the following:</i>		
[STAT 269] Introductory Statistics (3)		
[STAT 291] Statistics for Mathematical Sciences I (3)		
<i>One of the following:</i>		
[CIS 182] Computer Programming II (3)		
[MATH 112] Calculus II (4)		
[MATH 261] Linear Algebra (3)		
[STAT 292] Statistics for Mathematical Sciences II (3)		

General Education requirements on reverse side

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Option 2: Science and Math (Department of Education)

General Education Requirements

<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 ([COSC 171] , [CIS 180] , [CIS 181] , or [MATH 111])	3 or 4	<u>met by major</u>
Laboratory Science ([BIOL 106] & [PHSC 102])	3 or 4	<u>met by major</u>
Science, Technology & the World	3	<u>waived</u>
Two of the following:	6	
Social Science (3 credits – [EDUC 203])		<u>met by major</u>
European History		
United States History (3 credits – [HIST 141] or [HIST 142])		<u>met by major</u>
Literature ([ENGL 160])	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	<u>reduction</u>
One of the following:	3	
Ethics (3 credits - [BIOL 315])		<u>met by major</u>
World Views (3 credits)		
Pluralism in Contemporary Society (3 credits)		
Writing Enriched Course		

SUMMARY OF DEGREE REQUIREMENTS:

General Education	29
Major Requirements	98-100
Total	127-129

Major requirements on reverse side

August 2011