

Mathematics with Secondary Teaching Certification
(Department of Mathematical Sciences)

<u>Major Courses</u>	<u>Major Requirements</u>	<u>Credits</u>	<u>Semester Completed</u>
[MATH 111] Calculus I (or [MATH 109] Calculus I, Part 1 (4) and [MATH 110] Calculus I, Part II (3))		4	_____
[MATH 112] Calculus II		4	_____
[MATH 195] First-Year Mathematics Seminar		3	_____
[MATH 211] Calculus III		4	_____
[MATH 261] Linear Algebra		3	_____
[MATH 362] Algebraic Structures		3	_____
[MATH 382] Geometry		3	_____
[MATH 412] Introduction to Real Analysis		3	_____
[MATH 494] Senior Mathematics Seminar		3	_____
[COSC 181] Computer Programming I		3	_____
[PHYS 211] General Physics I		4	_____
[PHYS 212] General Physics II		4	_____
[STAT 291] Statistics for Mathematical Sciences I		3	_____
<i>One of the following:</i>		3	_____
[COSC 182] Computer Programming II (3)			
[STAT 292] Statistics for Mathematical Sciences II (3)			
Six additional credits of approved MATH/STAT 3xx/4xx courses		6	_____
ENGL xxx American or British Literature		3	_____
[EDUC 120] The Teaching Profession		1	_____
[EDUC 201] Education and American Society		3	_____
[EDUC 203] Educational Psychology		3	_____
[EDUC 318] Secondary Learning Environments		1	_____
[EDUC 331] Instructional Design & Assessment for Secondary Ed.3		3	_____
Professional Semester:			
[MATH 407] Secondary Mathematics Curriculum & Instruction		2	_____
[PSYC 311] Adolescent Development		3	_____
[EDUC 420] Professional Issues in Education		2	_____
[EDUC 435] Student Teaching: Secondary		9	_____

General Education requirements on reverse side

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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 Mathematical Sciences	3	_____
([MATH 111] or [MATH 112] or [MATH 211])	3 or 4	<u>met by major</u>
Laboratory Science ([PHYS 211] or [PHYS 212])	3 or 4	<u>met by major</u>
Science, Technology & the World		<u>waived</u>
Two of the following:	6	
Social Science (3 credits – [EDUC 203])		<u>met by major</u>
European History (3 credits)		_____
United States History (3 credits)		_____
Literature (American or British literature only)	3	<u>met by major</u>
Philosophy and Religion	3	_____
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	_____
Bible	3	_____
Christian Beliefs	3	_____
Health and Physical Fitness		
Introduction to Wellness	2	_____
Activity Course	1	_____
One of the following:	3	
Ethics (3 credits)		_____
World Views (3 credits)		_____
Pluralism in Contemporary Society (3 credits)		_____
Writing Enriched Course		_____

SUMMARY OF DEGREE REQUIREMENTS:

General Education	41-42
Major Requirements	83
Total	124-125

Major requirements on reverse side