

## Secondary Teacher Certification Requirements Mathematics, B.S.

Candidate: \_\_\_\_\_

Campus ID: \_\_\_\_\_

<i>All Courses Must be Completed with a C or Better</i>				
<b>MATHEMATICS CORE REQUIREMENTS</b>	<u>Semester Taken</u>	<u>Grade</u>	<b>PROFESSIONAL EDUCATION REQUIREMENTS:</b>	
MATH 151 Calculus and Analytic Geometry I	_____	_____	<i>A GPA of 2.75 is required for official program entry. A GPA of 3.0 is required for entering internship. Students must attain a B or better in all required education courses at the 400 level.</i>	
MATH 152 Calculus and Analytic Geometry II	_____	_____	<u>Semester</u>	<u>Grade</u>
MATH 221 Introduction to Linear Algebra	_____	_____	EDUC 310 Inquiry into Education	_____
MATH 225 Introduction to Differential Equations	_____	_____	EDUC 311 Psychological Foundations of Education	_____
MATH 251 Multivariable Calculus	_____	_____	EDUC 388 Inclusion and Instruction	_____
MATH 301 Introduction to Mathematical Analysis I	_____	_____	EDUC 412 Analysis of Teaching and Learning	_____
MATH 302 Introduction to Mathematical Analysis II	_____	_____	EDUC 410 Reading in the Content Area I	_____
CMSC 201 Computer Science I	_____	_____		
PHYS 121 Introductory Physics I	_____	_____	<b>FALL SEMESTER ONLY</b>	
PHYS 122 Introductory Physics II	_____	_____	<b>Phase I: Minimum 40 Half Days in Field Placement</b>	
			EDUC 411 Reading in the Content Area II	_____
<b>MATHEMATICS EDUCATION CONCENTRATION REQUIREMENTS</b>			EDUC 426 Secondary Mathematics Methods	_____
MATH 306 Geometry	_____	_____	<i>(Also serves as a supplementary elective for the Mathematics BA)</i>	
MATH 341 Computational Methods	_____	_____		
MATH 385 Introduction to Mathematical Modeling	_____	_____	<b>SPRING SEMESTER ONLY</b>	
STAT 355 Intro to Probability & Statistics for Scientists and Engineers	_____	_____	<b>Phase II: Minimum 80 Days in Field Placement</b>	
MATH 407 Introduction to Modern Algebra and Number Theory	_____	_____	EDUC 456 Internship in Education	_____
MATH/STAT 4 _____	_____	_____	EDUC 457 Internship Seminar in Secondary Education	_____
MATH/STAT 4 _____	_____	_____		
<b>SUPPLEMENTARY ELECTIVE</b>				
MATH 432 History of Mathematics	_____	_____		

**CERTIFICATION TEST SCORES**

Praxis Core Reading (≥156) _____	ACT Composite (≥24) _____
Praxis Core Writing (≥162) _____	SAT Math _____
Praxis Core Mathematics (≥150) _____	SAT Reading _____
	SAT Composite (≥1100) _____
Praxis II Mathematics: Content Knowledge 5161 (≥160) _____	
Praxis II Principles of Teaching and Learning: Grades 7-12; 5624 (≥157) _____	

**ADVISING DATES**

FALL: \_\_\_\_\_

SPRING: \_\_\_\_\_

ADVISOR \_\_\_\_\_