

Name: \_\_\_\_\_

## Mathematics Teaching Option 2005-2014

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### MAJOR REQUIREMENTS

Courses may be both Major and General Requirements. However, no course may fulfill two categories of General Requirements. (If you use any class for both Major and General Requirements, be sure to count the credits only ONCE toward the degree total.)

<u>COURSE REQUIRED</u>	<u>MINIMUM CREDITS</u>	<u>COURSES COMPLETED Sub #; Course #</u>	<u>COMPLETED CREDITS SEM/YR</u>	<u>OFFICE SENIOR REVIEW</u>
UNIFIED CALCULUS I, II, III	<u>12</u>	<u>640:121-122-221</u>	_____	_____
LINEAR ALGEBRA	<u>3</u>	<u>640:250</u>	_____	_____
ELEMENTARY DIFFERENTIAL EQUATIONS	<u>3</u>	<u>640:314</u>	_____	_____
	<u>3</u>	<u>640:356</u>	_____	_____
THEORY OF NUMBERS	<u>6</u>	<u>640:351-352</u>	_____	_____
INTRODUCTION TO MODERN ALGEBRA	<u>3</u>	<u>640:311</u>	_____	_____
ADVANCED CALCULUS	<u>3</u>	<u>640:237</u>	_____	_____
DISCRETE MATHEMATICS	<u>3</u>	<u>640:491 or 492</u>	_____	_____
MATH SEMINAR	<u>3</u>	<u>640:435</u>	_____	_____
GEOMETRY	<u>3</u>	<u>640:441</u>	_____	_____
TOPOLOGY	<u>3</u>	<u>640:300</u>	_____	_____
MATHEMATICAL REASONING WITH PROOF	<u>3</u>	<u>960:183</u>	_____	_____
ELEMENTARY APPLIED STATISTICS				

NOTE: STUDENTS MUST CONSULT WITH THE MATHEMATICS DEPARTMENT TO DETERMINE THE NECESSARY SEQUENCE OF COURSES WHICH LEADS TO CERTIFICATION FOR TEACHING IN THE NEW JERSEY SECONDARY SCHOOLS.

MINIMUM TOTAL CREDIT      48      ACTUAL CREDITS COMPLETED \_\_\_\_\_

TOTAL DEGREE CREDIT REQUIRED: 120      TOTAL CREDITS COMPLETED: \_\_\_\_\_

SENIOR REVIEW APPROVAL BY FACULTY ADVISOR: \_\_\_\_\_

DATE OF REVIEW: \_\_\_\_\_

SIGNATURE & DATE: \_\_\_\_\_