

NAME: _____

Mathematics Teaching Option 2005-2007

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>COURSES REQUIRED</u>	<u>MINIMUM CREDITS</u>	<u>COURSES COMPLETED Subj #: 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>	<u> </u> <u> </u>	<u> </u>
LINEAR ALGEBRA	<u>3</u>	<u>640:250</u>	<u> </u> <u> </u>	<u> </u>
ELEMENTARY DIFFERENTIAL EQUATIONS	<u>3</u>	<u>640:314</u>	<u> </u> <u> </u>	<u> </u>
THEORY OF NUMBERS	<u>3</u>	<u>640:356</u>	<u> </u> <u> </u>	<u> </u>
INTRODUCTION TO MODERN ALGEBRA	<u>6</u>	<u>640:351-352</u>	<u> </u> <u> </u>	<u> </u>
ADVANCED CALCULUS	<u>3</u>	<u>640:311</u>	<u> </u> <u> </u>	<u> </u>
DISCRETE MATHEMATICS	<u>3</u>	<u>640:237</u>	<u> </u> <u> </u>	<u> </u>
MATH SEMINAR	<u>3</u>	<u>640:491 or 492</u>	<u> </u> <u> </u>	<u> </u>
GEOMETRY	<u>3</u>	<u>640:435</u>	<u> </u> <u> </u>	<u> </u>
TOPOLOGY	<u>3</u>	<u>640:441</u>	<u> </u> <u> </u>	<u> </u>
MATHEMATICAL REASONING WITH PROOF	<u>3</u>	<u>640:300</u>	<u> </u> <u> </u>	<u> </u>
ELEMENTARY APPLIED STATISTICS	<u>3</u>	<u>960:183</u>	<u> </u> <u> </u>	<u> </u>

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 CREDITS 48 ACTUAL CREDITS COMPLETED

TOTAL DEGREE CREDIT REQUIRED: 120 TOTAL CREDITS COMPLETED:

SENIOR REVIEW APPROVAL BY FACULTY ADVISOR: _____

DATE OF REVIEW: _____

SIGNATURE & DATE: _____