

Name: _____

PURE MATHEMATICS

MAJOR REQUIREMENTS 2005-2010

Courses may be counted toward both Major and General Requirements. However, no course may fulfill two categories of General Requirements. (If you use any course 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</u> <u>Subj.#: Course #</u>	<u>COMPLETED</u> <u>CREDITS SEM/YR</u>	<u>OFFICE</u> <u>SENIOR</u> <u>REVIEW</u>
UNIFIED CALCULUS I, II, III	12	640:121-122-221	_____	_____
LINEAR ALGEBRA	3	640:250	_____	_____
MATHEMATICS REASONING	3	640:300	_____	_____
ELEMENTARY DIFFERENTIAL EQUATIONS	3	640:314	_____	_____
THEORY OF NUMBERS	3	640:356	_____	_____
INTRODUCTION TO MODERN ALGEBRA I & II	6	640:351-352	_____	_____
ADVANCED CALCULUS	3	640:311	_____	_____
INTRODUCTION TO THEORY OF FUNCTIONS OF A COMPLEX VARIABLE	3	640:403	_____	_____
GEOMETRY	3	640:435	_____	_____
TOPOLOGY or INTRO. DIFFERENTIAL GEOMETRY	3	640:441 or 640:432	_____	_____
MATH SEMINAR	3	640:491 or 492	_____	_____

Minimum Total Credits 45 Actual Credits Completed _____

NOTE: REQUIRED COURSES MUST ALL BE COMPLETED WITH A GRADE OF C OR BETTER.

TOTAL DEGREE CREDITS REQUIRED : 120 TOTAL CREDITS COMPLETED: _____

SENIOR REVIEW APPROVAL BY FACULTY ADVISOR: _____

DATE OF REVIEW: _____

C=Complete

YOUR SIGNATURE & DATE: _____

2008-2010