

ROSEMONT COLLEGE

Mathematics Major

(Bachelor of Arts)

2005-2006

Student's Name: _____ Advisor's Name: _____ Start Date: _____

REQUIRED SUBJECTS (Suggested Course Sequence)

	<u>Credits</u>	<u>Date Taken</u>	
___ FND-0100 Foundations of Scientific & Quantitative Reasoning	_____	_____	Grade _____
___ FND-0110 Foundations of Western Culture	_____	_____	Grade _____
___ FND-0120 Foundations of World Citizenship	_____	_____	Grade _____
___ FND-0130 Foundations of Religious Belief	_____	_____	Grade _____
___ FYS-0100 First –Year Connection Seminar	_____	_____	Grade _____

Seven Core Requirements Selected in Consultation with Advisor:

1 Art/Art History course	_____	_____	Grade _____
1 English Literature course (any literature taught by the English Faculty)	_____	_____	Grade _____
1 Foreign Language course (competency in 200 level or higher) (If student chooses new language must take 2-100 level courses)	_____	_____	Grade _____
1 Humanities course	_____	_____	Grade _____
1 Social Science course (any history, philosophy, or religious studies course)	_____	_____	Grade _____
WRT-0100	_____	_____	Grade _____
1 Choice among another Natural Science, Business, or Math	_____	_____	Grade _____

Requirements for Mathematics Major

	<u>Credits</u>	<u>Date Taken</u>	
___ MAT-0120 Calculus I	_____	_____	Grade _____
___ MAT-0121 Calculus II	_____	_____	Grade _____
___ MAT-0122 Calculus III	_____	_____	Grade _____
___ MAT-0203 Linear Algebra	_____	_____	Grade _____
___ MAT-0356 Advanced Calculus	_____	_____	Grade _____
___ MAT0362 Abstract Algebra	_____	_____	Grade _____

Any other Mathematics courses may be taken to fulfill required 48 credits.

	<u>Credits</u>	<u>Date Taken</u>	
___ MAT-0105 Mathematics of Finance	_____	_____	Grade _____
___ MAT-0115 College Algebra	_____	_____	Grade _____
___ MAT-0200 Number Theory	_____	_____	Grade _____
___ MAT-0215 Descriptive Statistics (PSY-0210)	_____	_____	Grade _____
___ MAT-0300 Probability and Statistics	_____	_____	Grade _____
___ MAT-0310 Differential Equations	_____	_____	Grade _____
___ MAT-0325 Introduction to Numerical Methods	_____	_____	Grade _____
___ MAT-0380 History of Mathematics (2-4 credits)	_____	_____	Grade _____
___ MAT-0410 Introduction to Complex Analysis	_____	_____	Grade _____
___ MAT-0422 Survey of Geometry	_____	_____	Grade _____
___ MAT-0450 Research (2-4 credits)	_____	_____	Grade _____

One-hundred twenty-eight (128) credits will be required for graduation. A minimum of 32 credits per Academic year are required to graduate in 4 years. A minimum G.P.A. of 2.0 in a student's major will be required for graduation.

Credits Taken to Date: _____ Credits Remaining: _____

Evaluated by: _____ Date: _____