2004-2006 Catalog
Degree Application Worksheet for
BACHELOR OF SCIENCE DEGREE IN MATHEMATICS
GENERAL MATHEMATICAL STUDIES CONCENTRATION (without certification)

Name: _____ ID #: _____

31-32 hrs Required Math Courses	Semester	Grade	School
CS 1063, 1073, 2073, or 1713 & 1711			
MAT 1214 Calculus I			
MAT 1223 Calculus II			
MAT 2213 Calculus III			
MAT 2233 Linear Algebra			
MAT 3013 Foundations of Math			
MAT 3213 Foundations of Analysis			
MAT 4213 Real Analysis I			
STA 3513 Probability and Statistics			
STA 3523 Statistical Methods			

12 hours GMS Concentration Requirements			
MAT 3233 Modern Algebra			
MAT 4113 Computer Math Topics			
MAT 4263 Geometry			
COM 1043, 1053, 2113, or 2123			

12 hours Upper-Division (UD, 3000/4000) MAT/STA Electives			
MAT/STA			
MAT/STA			
MAT/STA			
MAT/STA			

NOTE: STA 3533, STA 3543, and MAT 3253 **may not** be used for UD MAT/STA electives in the GMS concentration.

31-32 hours of Free Electives	Semester	**Grade**	Hours
3 hrs UD (3000/4000) free electives			
28-29 hrs LD or UD free electives			
Total Free Elec 31-32			

Core Curriculum: (39 Total hours)

(Refer to catalog for course selection)

	Course	Grade	Semester
Rhetoric: 6 hrs	WRC 1013		
	WRC 1023		

Domain I: Science, Tech and Mathematics (6 hrs)

Math: (satisfied in major coursework)

Science: 6 hrs

Level I			
Level II			

Domain II: Society and Culture (18 hrs)

US History: 6 hrs	HIS 1043			
(HIS 1043 or 1053 or 2053)	HIS 1053			
Political Studies:6hrs	POL 1013			
(POL 1133 or 1213)				
Soc/Beh. Sci.:3 hrs				
Economics: 3 hrs				

Domain III: Literature/Fine Arts (6 hrs)

Literature: 3 hrs			
The Arts: 3 hrs			

Domain IV: IDS (World Society & Issues) (3 hrs)

3 hrs			

Notes and Explanations:

1. The student not prepared for MAT 1214 (Cal I) must take MAT 1093 (Pre-Cal).
2. All Mathematics majors should be aware that some upper-division MAT and STA courses are offered ONLY once a year or once every two years. It is the student's responsibility to be in touch with the department office and/or advisor to know when a particular course is to be taught.
3. All required and elective MAT/STA courses must be completed with a grade of "C" or better.
4. A minimum of **126** semester hours is required for graduation, with a total of 39 at the upper-division level. 24 of the last 30 hours must be completed in residence.
5. Only one (non-transfer) MAT/STA substitution per student is permitted: only in the student's semester of graduation, and only if the required course is not being offered.

It is understood that all other provisions of the catalog must be met.

_____ _____

Advisor's Signature Date