2004-2006 Catalog
Degree Application Worksheet for
BACHELOR OF SCIENCE DEGREE IN MATHEMATICS
MATHEMATICS CONCENTRATION

Name: _____ ID #: _____

31-32 hrs Required Math Courses	Semester	Grade	School
CS 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			

15 hours Math Concentration Requirements			
MAT 3243 Calculus for Applications			
MAT 3613 Differential Equations I			
MAT 3633 Numerical Analysis			
MAT 4223 Real Analysis II			
MAT 4233 Abstract Algebra			

6 hours UD (3000/4000) MAT/STA Electives			
MAT/STA			
MAT/STA			

NOTE: STA 3533, STA 3543, MAT 3123, MAT 3253, MAT 4013, MAT 4113, MAT 4123 & MAT 4303 **may not** be used for UD MAT/STA electives in the Math concentration.

34-35 hours of Free Electives	Semester	Grade	Hours
3 hrs UD free electives			
31-32 hrs LD or UD free electives			

Total Free Elec hrs= 34-35

Core Curriculum: (39 Total hours)

(Refer to catalog for course selection)

	Course	Grade	School
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 offered.

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

_____ _____

Advisor's Signature Date