



B.S. in Mathematics
MATHBS.2012
48 credits, incl. 8 GE credits

Effective Date: 8/2012

Name of Student:		
Student ID #:		Graduation Date
Home Country:	<input type="checkbox"/> IWORK	
Advisor:	Name	Date

The Mathematic major prepares students for careers in teaching, government service, industry, and research, or graduate study in mathematics.

Math 308, Math 490, and additional courses in Computer Science, Physics, and Chemistry are strongly recommended.

Core							48 Credits
<i>Course #</i>	<i>Title</i>	<i>Hr.</i>	<i>Prerequisites</i>	<i>Offered</i>	<i>Sem.</i>	<i>Grade</i>	
MATH 112	Calculus I (GenEd)	5		F,W			
MATH 113	Calculus II (GenEd)	5	MATH 112	W			
MATH 214	Multivariable Calculus	5	MATH 113	S			
MATH 301	Foundations of Mathematics	3	MATH 112	S			
MATH 321	Mathematical Statistics	3	MATH 214	F			
MATH 332	Introduction to Complex Variables	3	MATH 214	W-odd, S-even			
MATH 343	Elementary Linear Algebra	3	MATH 112	F			
MATH 371	Abstract Algebra I	3	MATH 301	F			
MATH 372	Abstract Algebra II	3	MATH 371	W			
MATH 334	Differential Equations	3	MATH 214	W-even, S-odd			
MATH 441	Introduction to Analysis I	3	MATH 214	F			
MATH 442	Introduction to Analysis II	3	MATH 441	W			
Choose 6 Credits from the Following							
MATH 490	Mathematics Seminar	2		S			
PHYS 121	General Physics I (GenEd)	3	MATH 112 or equivalent	F,W			
PHYS 122	General Physics II	3	PHYS 121	Variable			
PHYS 221	General Physics III	3	PHYS 121	Variable			
CIS 202	Object-Oriented Programming	3	CIS 101	F,W,S			
Total Credits Mapped for Graduation:							

*Must have 2.0 average in these required courses for graduation.

No more than on “D” grade will be allowed in any 300/400 level courses.