## **MATHEMATICS (BA)**

## Suggested Sequence of Courses for a Bachelor of Arts Degree in Mathematics

First Semester       Image Program Pr	Course	Title	Hours
ENGL-1010 English Composition 3 MATH-1300 Calculus I 4 Foreign Language 4 THEO-1100 Introduction to Theology 3 EXSC-1115 Wellness for Life 1 GNST-1000 BC Experience 1 Hours 16 Second Semester MATH-1350 Calculus II 4 Foreign Language 4 Historical Foundation 3 Select one of the following: 3 PHIL-1750 Principles of Nature 3 PHIL-1750 Principles of Nature 7 Natural World Foundation 7 Person and Community Foundation 3 Sophomore Year First Semester MATH-2300 Calculus III 4 MATH-2500 Discrete Mathematical Structures I 3 Natural World Foundation (with lab) 4 CSCI-1140 Introduction to Computer Science I 4 EXSC Fitness Course 1 MATH-2500 Linear Algebra 3 Aesthetic Foundation 3 Faith Foundation 3 Faith Foundation 3 Historical Foundation 3 Autural World Foundation 3 Second Semester MATH-2500 Linear Algebra 3 Aesthetic Foundation 3 Faith Foundation 4 Hours 16 Junior Year First Semester MATH-3600 Modern Algebra 1 MATH-3200 Probability & Statistics (or Mathematics 3 Philosophical Inquiry Foundation 1 MATH-3800 Modern Algebra II MATH-3800	Freshman Year		
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or MATH-4800 or Introduction to Real Analysis	Second Semester		
or MATH-4800 or Introduction to Real Analysis	MATH-3610	Modern Algebra II	3
	or MATH-4800	-	
	Mathematics Electi	ve	3

Electives		4
Faith Foundation		3
Philosophical Inquiry Foundation		3
	Hours	16
Senior Year		
First Semester		
MATH-3200	Probability & Statistics (or Mathematics elective)	3
MATH-4930	Directed Research	2
Electives		11
	Hours	16
Second Semester		
MATH-4800 or MATH-3610	Introduction to Real Analysis or Modern Algebra II	3
Mathematics Elective		3
Electives		10
MATH-COMP	Senior Comprehensive Exam	0
	Hours	16
	Total Hours	129