

MATHEMATICS (BA)

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

Course	Title	Hours
Freshman Year		
First Semester		
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	
Natural World Foundation		
Person and Community Foundation		3
Hours		17
Sophomore Year		
First Semester		
MATH-2300	Calculus III	4
MATH-2550	Discrete Mathematical Structures I	3
Natural World Foundation (with lab)		4
CSCI-1140	Introduction to Computer Science I	4
EXSC Fitness Course		1
Hours		16
Second Semester		
MATH-2500	Linear Algebra	3
Aesthetic Foundation		3
Faith Foundation		3
Historical Foundation		3
Natural World Foundation		4
Hours		16
Junior Year		
First Semester		
MATH-3600	Modern Algebra I	3
MATH-3200	Probability & Statistics (or Mathematics elective)	3
Electives		4
Aesthetic Foundation		3
Philosophical Inquiry Foundation		3
Hours		16
Second Semester		
MATH-3610 or MATH-4800	Modern Algebra II or Introduction to Real Analysis	3
Mathematics Elective		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