

# Suggested Four-Year Plan of Study (Odd Year Start)

## MATHEMATICS



### Mathematics – Bachelor of Arts

#### FIRST YEAR

<b>Fall Semester–Odd Year</b>	<b>15-17 Hours</b>
UNIV 1001/1113 Intro to Univ Life/Study Strats .....	(1/3)
ENGL 1113 English Composition I .....	(3)
COMM 1113 Principles of Communication .....	(3)
<b>MATH 2215 Calculus and Analytic Geometry I (FA, SP)</b> .....	(5)
Minor Course/General Elective.....	(3)
<b>Spring Semester–Even Year</b>	<b>15 Hours</b>
ENGL 1213 English Composition II.....	(3)
General Education Economics.....	(3)
<b>MATH 2235 Calculus and Analytic Geometry II (FA, SP)</b> .....	(5)
MATH 3001 Tech for Adv Math–MATLAB.....	(1)
Minor Course/General Elective.....	(3)

#### THIRD YEAR

<b>Fall Semester–Odd Year</b>	<b>16-17 Hours</b>
General Education Humanities-Diversity.....	(3)
General Education Physical Science.....	(4-5)
<b>MATH 3013 Introductory Linear Algebra (FA, O)</b> .....	(3)
PSY 1113 General Psychology .....	(3)
Minor Course/General Elective.....	(3)
<b>Spring Semester–Even Year</b>	<b>16 Hours</b>
General Education Health and Wellness .....	(1)
<b>MATH 3213 Abstract Algebra (SP, E)</b> .....	(3)
<b>MATH 3253 Differential Equations (SP)</b> .....	(3)
Minor Courses/General Electives .....	(9)

#### SECOND YEAR

<b>Fall Semester–Even Year</b>	<b>17 Hours</b>
HIST 1483/1493 U.S. History to/since 1865 .....	(3)
General Education Humanities-Aesthetics .....	(3)
MATH 1001 Tech for Math.....	(1)
<b>MATH 2613 Foundations of Mathematics (FA)</b> .....	(3)
<b>MATH 2244 Calculus and Analytic Geometry III (FA)</b> .....	(4)
Minor Course/General Elective.....	(3)
<b>Spring Semester–Odd Year</b>	<b>14 Hours</b>
PS 1113 American Federal Government.....	(3)
General Education Health and Wellness.....	(1)
<b>MATH 4483 Real Analysis (SP, O)</b> .....	(3)
MATH 3001 Tech for Adv Math–MATHEMATICA.....	(1)
Minor Courses/General Electives .....	(6)

#### FOURTH YEAR

<b>Fall Semester–Even Year</b>	<b>15 Hours</b>
General Education Biological Science .....	(4)
<b>MATH 4782 Mathematics Capstone I (FA)</b> .....	(2)
Upper Division MATH Elective .....	(3)
Minor Courses/General Electives .....	(6)
<b>Spring Semester–Odd Year</b>	<b>15 Hours</b>
General Education Health and Wellness.....	(1)
Upper Division MATH Elective .....	(3)
<b>MATH 4792 Mathematics Capstone II (SP)</b> .....	(2)
Minor Courses/General Electives .....	(9)

<sup>M</sup> Denotes Minimum Grade Needed for Course

<sup>R</sup> Denotes Restriction to Students Admitted to Educator Preparation Program

! Denotes Critical Course

**Bolded** courses indicate guaranteed course rotation for major core: (FA=Fall; SP=Spring; SU=Summer; O=Odd Year; E=Even Year).

This is a recommended semester-by-semester plan of study for this major for a hypothetical student and will not substitute for meeting with an advisor to discuss individual student needs. Course offerings are subject to change based on enrollment. However, courses or requirements designated as critical (!) must be completed in the semester listed to ensure a timely graduation.

#### Graduation Requirements Summary

Minimum Total Hours for Graduation	124
Minimum Upper-Division Hours	40
Minimum Gen Ed Hours	44
Minimum Liberal Arts Hours	80
Minimum Major GPA	2.000
Minimum Overall GPA	2.000