

Major in Mathematics

Following is **one** suggested four-year degree plan. Students are encouraged to see their adviser each semester for help with program decisions and enrollment. Students are responsible for meeting all course prerequisites.

***See the University Core Curriculum section of this catalog for approved list of course options.**

**** See Arts and Sciences degree requirements section of this catalog for approved list of course options.**

BA with a Major in Mathematics

FRESHMAN YEAR

FALL	HOURS
ENGL 1310, College Writing I*	3
LANG 2040, Foreign Language (intermediate, see major requirements)**	3
MATH 1710, Calculus I	4
Natural/Life Sciences (see major requirements)**	4
Social and Behavioral Sciences*	<u>3</u>
Total	17

SOPHOMORE YEAR

FALL	HOURS
MATH 2510, Real Analysis I	3
MATH 2730, Multivariable Calculus	3
PSCI 1040, American Government*	3
Humanities*	3
Physical Science (see major requirements)**	<u>4</u>
Total	16

JUNIOR YEAR

FALL	HOURS
HIST 2610, United States History to 1865*	3
MATH 3510, Introduction to Abstract Algebra	3
MATH (above 3150)	3
Minor	3
Minor (advanced)	<u>3</u>
Total	15

SENIOR YEAR

FALL	HOURS
MATH 4610, Probability	3
Cross-cultural, Diversity and Global Studies*	3
Minor (advanced)	3
Elective (advanced)	3
Elective (advanced)	3
Elective (advanced)	<u>3</u>
Total	18

FRESHMAN YEAR

SPRING	HOURS
ENGL 1320, College Writing II*	3
LANG 2050, Foreign Language (intermediate, see major requirements)**	3
MATH 1720, Calculus II	3
Natural/Life Sciences (see major requirements)**	4
Communication**	<u>3</u>
Total	16

SOPHOMORE YEAR

SPRING	HOURS
MATH 2520, Real Analysis II	3
MATH 2700, Linear Algebra and Vector Geometry	3
PSCI 1050, American Government*	3
Physical Science (see major requirements)	4
Visual and Performing Arts*	<u>3</u>
Total	16

JUNIOR YEAR

SPRING	HOURS
HIST 2620, United States History Since 1865*	3
MATH (above 3150)	3
Literature**	3
Minor	3
Minor (advanced)	<u>3</u>
Total	15

SENIOR YEAR

SPRING	HOURS
MATH (above 3150)	3
Elective (advanced)	3
Elective (advanced)	3
Minor (advanced)	3
Wellness*	<u>3</u>
Total	15

Actual degree plans may vary depending on availability of courses in a given semester.

Some courses may require prerequisites not listed. Students may wish to use opportunities for electives to complete a minor of their choice or secondary education courses for teacher certification.