
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. Some requirements may have changed because the University Core Curriculum was being revised at the time this catalog went to press. Contact a degree program adviser.

BA with a Major in Mathematics pdf

FRESHMAN YEAR		FRESHMAN YEAR	
FALL	HOURS	SPRING	HOURS
CSCI 1110, Program Development	4	ECON 1110, Principles of Macroeconomics	3
ENGL 1310, College Writing I	3	ENGL 1320, College Writing II ⁶	3
LANG 2040, Foreign Language (intermediate) ^{3,13}	3	LANG 2050, Foreign Language (intermediate) ^{3,13}	3
MATH 1710, Calculus I ⁴	4	MATH 1720, Calculus II	3
Laboratory Science ⁵⁶	4	Laboratory Science ⁵⁶	4
Total	18	Total	16
SOPHOMORE YEAR		SOPHOMORE YEAR	
FALL	HOURS	SPRING	HOURS
ENGL 2210, World Literature I	3	ENGL 2220, World Literature II	3
HIST 2610, United States History to 1865 ¹²	3	HIST 2620, United States History Since 1865 ¹²	3
MATH 2510, Real Analysis I	3	MATH 2520, Real Analysis II	3
MATH 2730, Multivariable Calculus	3	MATH 2700, Linear Algebra and Vector Geometry	3
Laboratory Science ⁵⁶	4	Laboratory Science ⁵⁶	4
Total	16	Total	16
JUNIOR YEAR		JUNIOR YEAR	
FALL	HOURS	SPRING	HOURS
MATH 3510, Introduction to Abstract Algebra I ⁵⁴	3	PSCI 1050, American Government	3
PSCI 1040, American Government	3	MATH (above 3150)	3
Minor	3	MATH (above 3150)	3
Minor ¹⁶	3	Minor	3
Understanding of Ideas and Values ⁸	3	Minor ¹⁶	3
Visual and Performing Arts ⁷	3	Understanding of Ideas and Values ⁸	3
Total	18	Total	18
SENIOR YEAR		SENIOR YEAR	
FALL	HOURS	SPRING	HOURS
MATH 4610, Probability	3	MATH (above 3150)	3
Minor (elective) ¹⁶	3	Minor (elective) ¹⁶	3
Minor (elective) ¹⁶	3	Minor (elective) ¹⁶	3
Minor (elective) ¹⁶	3	Understanding of Ideas and Values ⁸	3
Oral Communication ²	3	Wellness ¹¹	3
Total	15	Total	15

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

Some courses may require prerequisites not listed.

See Arts and Sciences notes in supplement booklet for footnotes.

Supplemental Information for BA with a Major in Mathematics

1. Required courses: MATH 1710, 1720, 2510, 2520, 2700, 2730, 3510 and 4610, plus 9 hours numbered above 3150. Required laboratory science must include BIOL 1710/1730 and 1720/1740 and either PHYS 1710/1730 and 2220/2240, or CHEM 1410/1430 and 1420/1440.

2. It is recommended that the required foreign language be German, French, Spanish or Russian.
