

Mathematics (MATH)

Freshman			
Fall	Hours	Spring	Hours
ENGL 1100 English Composition I		3 ENGL 1120 English Composition II	3
Core Social Science ²		3 Core Science ⁵	4
Core Humanities		3 Core History or Literature ¹	3
Core History		3 MATH 1620 Calculus II	4
MATH 1610 Calculus I		4 COMP 1220 Introduction to Computing with Python or 1230 Introduction to Computing with MATLAB	2
	16		16
Sophomore			
Fall	Hours	Spring	Hours
Core Literature		3 Core Social Science or Humanities ³	3
Core Science ⁵		4 MATH 2650 Linear Differential Equations	3
MATH 2630 Calculus III		4 MATH 3100 Introduction to Advanced Mathematics	3
MATH 2660 Topics in Linear Algebra		3 STAT 3600 Probability and Statistics I	3
Elective		3 Elective	3
	17		15
Junior			
Fall	Hours	Spring	Hours
Core Social Science ²		3 Core Fine Arts	3
Foreign Language ⁴		4 Foreign Language ⁴	4
MATH 5200 Analysis I		3 MATH 5210 Analysis II	3
MATH 5310 Introduction to Abstract Algebra I		3 MATH 5320 Introduction to Abstract Algebra II	3
Elective		3 Elective	3
	16		16
Senior			
Fall	Hours	Spring	Hours
Applied Math Elective ⁷		3 Math Elective⁶	9
MATH 5500 Introduction to Topology		3 Elective	3
Math Elective⁶		3 UNIV 4AA0 Achieve the Creed	0
Elective		3	
	12		12
Total Hours: 120			

¹ Students must complete a two-course sequence in either HIST or LIT (for example, World History 1 and 2 or American Lit 1 and 2). For complete HIST and LIT sequence options, see the *Bulletin*.

² Students who choose a HIST sequence other than HIST 1010 and HIST 1020 should talk to an advisor about CORE SOC SCI choices.

³ If a LIT sequence is chosen, this course must be a CORE SOC SCI. If a HIST sequence is chosen, this course must be a CORE HUMANITIES.

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4 FOREIGN LANGUAGE: 1010-1020 series in French, Greek, German, Italian, Latin, Japanese, Russian, Chinese, Korean, or Spanish.

5 CORE SCIENCE: PHYS 1600–PHYS 1610, BIOL 1020–BIOL 1030, CHEM 1030–CHEM 1040 with labs, or GEOL 1100–GEOL 1110.

6 Math Requisite: Courses designated MATH or STAT at the level of 3000 or higher, no more than one 3000-level course. Subject to advisor's approval.

7 Applied Math Requisite: MATH 5630, MATH 5640, MATH 5670, or MATH 5000.