

Fall 2020 through Summer 2021	B.A. in Mathematics	MINIMUM TOTAL CREDIT HOURS: 120
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GENERAL EDUCATION REQUIREMENTS (48-50 hours)	MAJOR REQUIREMENTS (30 hours)	MINOR REQUIREMENTS			
First Year Writing I (3 hours)	<p>Students complete 10 math courses and 1 computer science course. A minimum grade of C is required for all courses that apply to the major.</p> <p>Math 261 or 271. Unified Calculus & Analytic Geometry I or Calculus of Decision Making (3 hours)</p> <p>Math 262. Unified Calculus & Analytic Geometry II (3 hours)</p> <p>Math 263. Unified Calculus & Analytic Geometry III (3 hours)</p> <p>Math 264. Unified Calculus & Analytic Geometry IV (3 hours)</p> <p>Math 305. Foundations of Mathematics (3 hours)</p> <p>Math 319. Introduction to Linear Algebra (3 hours)</p> <p>Math 525. Modern Algebra (3 hours)</p> <p>Math 555. Advanced Calculus I (3 hours)</p> <p>Two math elective courses (6 hours) at the 300 level or above</p> <p>One computer programming course (3 hours) from: Csci 111. Computer Science I Csci 251. Programming for Engineering & Sciences Csci 256. Programming in Python Csci 259. Programming in C++</p>	<p>A minor field of study (usually 18 hours) is required for this major. Courses will not count toward both major and minor.</p>			
Hon 101, Writ 100 or Writ 101					
First Year Writing II (3 hours)					
Hon 102, Liba 102, Writ 102					
English Literature Survey (6 hours)					
Eng 220, 221, 222, 223, 224, 225, 226, 22X					
Modern or Ancient Language (6 – 12 hours)					
6 hours at the 200-level or higher in a single language					
History (6 hours)					
Any history courses					
Additional Humanities (3 hours)					
Any African American Studies, Classics, Philosophy, Religion; Envs 101; G St 201, 202, 301, 304, 333, 350, 353, 391, 402 or any G St cross-listed with a humanities; Liba 202, 305, 312; Southern Studies (100-level only)					
Fine or Performing Arts (3 hours)			<p>EXPERIENTIAL LEARNING</p>	ELECTIVES	
Any Art History; Mus 101, 102, 103, 104, 105; Thea 201, 202; Danc 200; Liba 130, 204, 314					<p>Electives to bring the total minimum number of hours to 120.</p> <p>At least 40 hours of coursework in the general education, major, minor, and elective hours must be at the 300-level or above.</p>
Mathematics (3 hours)					
Any math course except for Math 245 and Math 246					
Social Sciences (6 hours)					
Any Anthropology, Economics, Political Science, Psychology, and Sociology, Liba 203, 313					
Natural Science (9 to 11 hours)	<p>Students may earn credit towards the major through study abroad.</p>				
Any Biology; Chemistry (not Chem 101); Geology; Liba 150, 151, 205, 205L, 315, 315L; Astronomy or Physics; at least two courses must include a lab; two courses must be from the same subject of science with the third from a different department; each course must be a minimum of three credit hours					

SAMPLE DEGREE MAP
BACHELOR OF ARTS IN MATHEMATICS

YEAR	FALL SEMESTER	HOURS	SPRING SEMESTER	HOURS
FRESHMAN	First Year Writing I	3	First Year Writing II	3
	Modern Language (100-level)	6	Modern Language (200-level)	6
	Math 261. Calculus I	3	Fine Arts	3
	History	3	Math 262. Calculus II	3
	TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	15
SOPHOMORE	Social Science	3	Additional Humanities	3
	Math 263. Calculus III	3	Minor Field of Study	3
	History	3	Math 264. Calculus IV	3
	Science Lecture	3	Science Lecture	3
	Science Lab	1	Science Lab	1
	English 22? Literature Survey	3	English 22? Literature Survey	3
TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	16	
JUNIOR	Math 305. Foundations of Mathematics	3	Math Elective (300-level or higher)	3
	Minor Field of Study (300-level or above)	3	Minor Field of Study (300-level or higher)	3
	Math 319. Intro to Linear Algebra	3	Minor Field of Study	3
	Computer Programming Course	3	Elective (300-level or higher)	3
	Science Lecture	3	Social Science	3
	TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	15
SENIOR	Math 555. Advanced Calculus I	3	Math 556. Advanced Calculus II	3
	Elective (300-level or above)	3	Elective (300-level or higher)	3
	Minor Field of Study (300-level or above)	3	Math Elective (300-level or higher)	3
	Elective (300-level or above)	3	Minor Field of Study (300-level or higher)	3
	Elective	1	Elective	3
	TOTAL CREDIT HOURS	13	TOTAL CREDIT HOURS	15

INFORMATION CONCERNING COLLEGE OF LIBERAL ARTS REQUIREMENTS

- An overall 2.0 GPA or higher is required on all coursework applied toward the major and minor. In some majors and minors, a minimum grade of C is required for each course.
- Double majors may not count courses toward both majors. The same course may not count towards a major and minor field of study.
- General education courses may also satisfy requirements towards a major or minor.
- Each senior must apply for a degree by returning a completed Degree Application Form to the College of Liberal Arts Student Services Office in the semester preceding the semester in which the student expects to graduate.
- Refer to the College of Liberal Arts Academics and Admissions section in the catalog for all College rules associated with the B.A. degree, such as residency requirements for majors and minors.

INFORMATION CONCERNING GENERAL RULES, REGULATIONS AND MINIMUM REQUIREMENTS

- An overall 2.0 GPA or higher is required on all work attempted at UM, all college work attempted at any institution of higher learning (UM and transfer work), and all coursework submitted toward the degree.
- At least 25% of the hours required for an undergraduate degree must be taken in residence, with at least 15 of the last 21 credit hours completed at UM.
- At least one-third of the hours applied toward a degree must be at the 300-, 400-, or 500-level. For example, a student qualifying for a degree with 120 semester hours must show at least 40 hours of work at the 300 level or above.
- In addition, at least 30 semester hours of residence credit must be taken in the school or college recommending the degree.
- The limit on the acceptance of credit from a junior or community college is one-half the total requirements for a degree.

Refer to the Undergraduate Academic Regulations section in the catalog for all university degree requirements.