

MGA

Academic Program - Course Schedule and Learning Outcomes

<i>Campus:</i> Macon	<i>College/School:</i> Arts & Sciences	<i>Department:</i> Mathematics
<i>Academic Degree:</i> B. S.	<i>Major:</i> Mathematics	<i>Track (if applicable):</i>

What are the Program Learning Outcomes?

A learning outcome is a description of the knowledge, skills and abilities you will gain as you complete your coursework.

- 1. Successful mathematics majors in the Bachelor's program will be able to correctly perform mathematical operations in the areas of Algebra and Trigonometry, Differentiation, and Integration.**

- 2. Successful mathematics majors in the Bachelor's program will be able to construct and explain elementary mathematical proofs.**

- 3. Successful mathematics majors in the Bachelor's program will be able to apply mathematics towards real-world problems.**

- 4. Successful mathematics majors in the Bachelor's program will be able to communicate mathematically.**

What courses do I need to take to graduate from this program?

Suggested Schedule of Courses

This is a *suggested* 4-year schedule of courses based on degree requirements in the current catalog. This guide is not a substitute for academic advisement — contact your academic advisor if you have any questions about scheduling or about your degree requirements. Also, see the Undergraduate Catalog for a complete list of requirements and electives from which to choose.

Students may elect to attend a summer term to reduce their course load during fall or spring semesters but still stay on track to graduate in four years.

Entering Class	Academic Year		
	Fall Semester	Spring Semester	Summer (varies)
Freshman	Course 13 Credits ENGL 1101 3 MATH 1112 or MATH 1113 3 HIST 2111 or HIST 2112 3 Area B Elective 4	Course 16 Credits ENGL 1102 3 MATH 1251* 4 POLS 1101 3 Area E Elective 3 Area C Literature- based Elective 3	
Sophomore	Course 17 Credits MATH 2252 4 MATH 2260 3 Lab Science "A"* 4 Area E Elective 3 Area C Elective 3	Course 16 Credits MATH 2253 4 MATH 1371 4 MATH 2270* 4 Lab Science "B"* 4	
Junior	Course 15 Credits MATH 2120 3 MATH 3040 3 MATH 3600 3 MATH 3251 3 Math Elective #1 3	Course 16 Credits MATH 3207 4 MATH 3260 3 MATH 4150 3 Math Elective #2 3 Math Elective #3 3	

Senior	Course	15 Credits	Course	12 Credits	
	MATH 4621	3	MATH 4260	3	
	MATH 4110	3	Math Elective #4	3	
	MATH 4480	3	Math Elective #5	3	
	MATH 4651	3	Math Elective #6	3	
	MATH 4901	3			

What jobs have recent graduates received after completing this program?

Recent Graduates have received jobs with the following employers: Many of our recent graduates have obtained jobs teaching mathematics with local and regional middle schools and high schools. In addition, numerous recent graduates have obtained employment with agencies such as Robins Air Force Base, the NSA, in the actuarial sciences, and in higher education institutions.