

Mathematics



Belmont Abbey
COLLEGE

Includes

MA 201 Calculus I
MA 202 Calculus II
MA 203 Calculus III
MA 208 Statistics
MA 222 Discrete
Mathematics
MA 311 Elementary
Linear Algebra
MA 321 Differential
Equations
MA 419 Modern Al-
gebra MA 430 Real
Analysis MA 490
Senior Seminar I MA
491 Senior Seminar II
CS 234 Introduction to
C++

Program Summary

Students who acquire a B. S. in Mathematics will be well versed in the fundamentals of various branches of higher mathematics. The B.A. in Mathematics offers students a more diverse program of study, consistent with the aims of liberal arts education. The department strongly encourages mathematics majors to complete a minor in an area of interest. Mathematics is used extensively in physics, actuarial science, statistics, engineering, and operations research. This exposes students to the commonalities between mathematics and other bodies of knowledge and equips them to pursue interdisciplinary graduate studies or careers anchored in mathematics.

Beyond the Classroom

Students that major in Mathematics work in various fields. They often are part of interdisciplinary teams that may include economists, engineers, computer scientists, physicists, technicians, and others. Mathematicians who work in academia usually have a mix of teaching and research responsibilities.

Department Chair

Dr. Igor Strugar
Associate Prof. of
Mathematics

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Questions?

Ask your Admissions Counselor or a
Faculty member of this department!



CURRICULUM CHECK SHEET

MAJOR: BA MATHEMATICS

	GRADE	CREDIT
WRITING, 6 HRS		
RH101		
RH102		

FIRST-YEAR SYMPOSIUM, 3 HRS		
<i>(for first time traditional students or transfers with fewer than 12 credit hours)</i>		
FS101		

QUANTITATIVE REASONING, 3 HRS		
<i>(MA135, 151,152, or any 200-level math course, statistics, or calculus)</i>		
MA201		3

THEOLOGY, 6 HRS		
TH105		
TH205		

PHILOSOPHY, 6 HRS		
PO211		
PO212		

HISTORY, 6 HRS		
HI101		
HI102		

LITERATURE, 6 HRS		
EN211		
EN212		

FINE ARTS, 3 HRS		
<i>(AR101,102,EN216,TA108,TA110,MU101,OR MU110)</i>		

NATURAL SCIENCES, 8 HRS		
BI101		
SC110		

SOCIAL SCIENCES, 6 HRS		
PO201		
PC201/SO201/EC201/CJ201		

MAJOR COURSES		
COURSE	GRADE	CREDIT
MA152		3
MA201		3
MA202		3
MA203		3
MA208		3
MA222		3
MA311		3
MA321		3
MA419		3
MA430		3
MA490 SENIOR SEMINAR I		3
1 COURSE FROM THE FOLLOWING		3
MA235		3
MA305		3
MA335		3
MA350		3
MA340		3
MA405		3
MA410		3
MA415		3
MA420		3
MA435		3
MA491 SENIOR SEMINAR II		3
CS234 or CS325		3

GENERAL ELECTIVES, 33-36		

GRADUATION REQUIREMENTS		
WRITING INTENSIVE		
COMPUTER COMP/COMPUTER EXAM		

MINOR		
<i>(15 HRS. & 300 OR 400 LEVEL)</i>		

- 120 SEMESTER HOURS AND A MINIMUM 2.00 GPA REQUIRED FOR GRADUATION.
- THE LAST 30 CREDITS OF YOUR DEGREE MUST BE OBTAINED THROUGH BELMONT ABBEY COLLEGE.

IT IS THE STUDENT'S RESPONSIBILITY TO VERIFY THAT ALL DEGREE REQUIREMENTS FOR GRADUATION ARE MET.