

Mathematics

Degree: Bachelor of Science in Mathematics

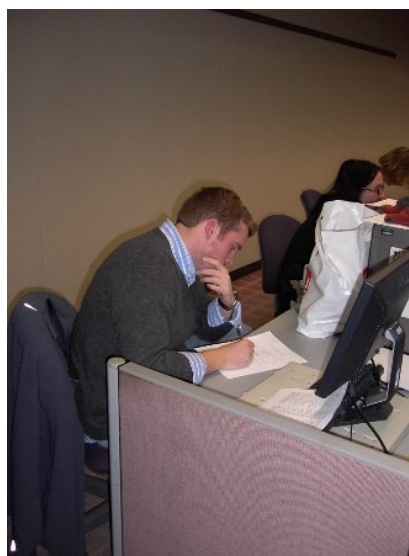
The benefits of an extensive knowledge of scientific and quantitative concepts are endless. Mathematics studies the most basic elements of knowledge: pattern, dimension, quantity, uncertainty, shape and change. Furthermore, it is one of the cornerstones of a liberal arts education at Marietta College. Students not only develop a strong knowledge of fundamental concepts, but technical writing and speaking skills.

Full-time faculty:

Lauren Brubaker, Visiting Assistant Professor
Michelle Jeitler, Instructor
Patrick McCormick, Instructor
Holly Menzel, Instructor
Dr. Matthew Menzel, Associate Professor
Dr. Roger Pitasky, Professor
Dr. John Tynan, Associate Professor, Chair of the Department

Sample Courses:

Calculus I, II, and III
Intermediate Statistics or Engineering Statistics
Foundations of Mathematics
Differential Equations with Numerical Methods
Linear Algebra
Advanced Calculus
Abstract Algebra
9 additional credits in Mathematics numbered 300 or above
Computer Programming I
Mathematics Seminar and Senior Project



Honor Societies and Student Organizations:

The Marietta College chapter of **Kappa Mu Epsilon**, the national honorary mathematics society, and the Marietta College Math Club (mc), sponsor visiting speakers and offer free tutoring to mathematics students who need help at the introductory levels.

“I chose to major in Mathematics at Marietta College mainly because mathematics serves as the foundation for all sciences. The mathematics background that I developed at Marietta has provided me the tools for a comfortable transition into my graduate work in Industrial Engineering at Penn State. While I have used my mathematics degree as a preparation for other fields, I am reminded every day of the direct application of mathematics to solving problems in society and in the natural world.” **Casey Trail, Class of 2005, Research Assistant, PhD Candidate, Industrial Engineering, Penn State University**

http://www.marietta.edu/Academics/undergraduate_degrees/mathematics.html

Scholarship Opportunities:

The **Louise Clark Bethel Mathematics and Science Scholarship** provides tuition, fees, and books for seniors at Marietta High School who rank high in mathematics and science and who otherwise would be unable to attend Marietta College.

The **Lewis and Marie Ryan Scholarship** benefits deserving Marietta College students majoring in mathematics or science and whose academic standing is in the upper ten percent of the class, and who, without financial assistance, might be unable to attend Marietta College.

The **Theodore Bennett Memorial Prize** is awarded to the junior considered by the Department of Mathematics to be the most outstanding.

The **Leon A. Ruby Scholarship** is awarded to deserving students in mathematics who have completed a full year at Marietta.

What can I do with this degree?

Actuary
Systems Analyst
Banker
Computer Programmer
Software Engineer

Graduate/Professional Schools Attended by MC graduates:

Cal Tech, Ph.D, Mathematics
UC Berkley, MS Industrial Engineering
Duke University, MS, Mathematics
University of Michigan, MPH, Biostatistics
Penn State, Ph.D. Industrial Engineering
Purdue University, MS Mathematics
University of Iowa, Veterinary Medicine

Career Outcomes of MC Graduates:

Analyst, Booz, Allen Hamilton, Washington DC
Vice President, Quark, Denver, Colorado
Mathematics Professor, Dartmouth College, NH
Data Admin. Manager, Virginia Dept. of Education
Teacher, Canton Local Schools
Research Assistant, Applied Research Labs
Senior RSA, Standard and Poor's, New York

