

MATHEMATICS AT MACOMB

PROGRAM ADVANTAGES

The Mathematics Program at Macomb Community College offers a wide selection of courses, many of which fulfill the mathematics requirements for a variety of two- and four-year degree programs. Mathematics courses at Macomb are taught by faculty dedicated to teaching – not research. By design, credits earned in these courses easily transfer to most four-year colleges and universities.

See the back of this sheet for a description of courses offered.

CAREER OPPORTUNITIES

For those who decide upon making mathematics the focus of their career, there are many well-paying careers for people with degrees in mathematics. They include those in:

- Education (all levels)
- Computer Science
- Cryptography
- Actuarial Science (related to the insurance industry)
- Operations Research
- Finance
- Biomathematics

Associate of Arts

Job titles such as Account Manager, Bank Teller, Bookkeeping, Accounting and Auditing Clerks, Loan Officer, and Purchaser are attainable upon completion of this course of study.

Associate of Science

Job titles such as Chemical, Civil and Industrial Engineering Technicians and Quality Controllers are attainable upon completion of this course of study.

To learn more from a career specialist, visit the Office of Career Services at either campus or explore online at www.onetonline.org.

EMPLOYMENT OUTLOOK

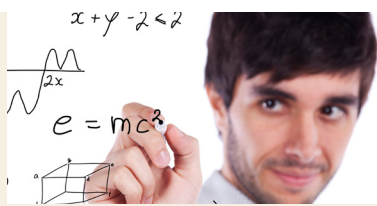
With a bachelor's degree in mathematics, you will be qualified for careers including administrative analyst, assistant statistician and data analyst. Median salary for these careers is \$46,880 in Michigan with an 11 percent decline in openings expected through 2024. You will also be qualified for careers including actuarial analyst/assistant and pricing analyst. Median salary for these careers is \$85,910 in Michigan with a 24% increase in openings expected through 2024.

With a Master's degree in mathematics, you will be qualified for careers including statistical analyst, program research specialist and human resource statistician. Median salary for these careers is \$84,560 in Michigan with a 41% percent increase in openings expected through 2024.



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MATHEMATICS



Placement Testing: Students wishing to take mathematics classes at Macomb must show that they meet the prerequisites. This is most often done by taking the COMPASS placement test. Several other alternatives are available. Contact the mathematics department for details.

Student Success Support: Student success in mathematics is supported by mathematics tutoring and computer-based instruction. These are available at no cost in our Learning Centers on both Center and South Campuses.

Course Formats: In addition to the traditional lecture format, several courses are offered in computer-based, online and hybrid formats.

Meeting General Education Requirements: Depending upon the degree, a student can fulfill degree requirements at Macomb without taking a course in mathematics. The Group II general education requirement for most degrees at Macomb may be met by completing either Intermediate Algebra or Everyday Math. Everyday Math is a class that develops a useful and practical understanding of regularly encountered mathematics. It is a course designed to satisfy general education degree requirements for students not majoring in mathematics, science or engineering.

Pre-college Mathematics: Two courses, Fundamentals of Mathematics and Beginning Algebra, are available to students who may need to improve their skill level before taking a college-level course.

Traditional Mathematics Curriculum: Macomb offers mathematics courses that are traditionally taken during the first and second years of college. These courses transfer to most four-year institutions. They fulfill requirements for degrees specializing in mathematics, engineering and the sciences.

Business and Teacher Education: Additionally, Macomb offers specialized mathematics courses for business (Statistics and Business Calculus) and teacher education (Mathematics for Education 1 and 2).

In the 21st century, knowledge of mathematics is an asset, if not a requirement, in just about any field.

LOOKING FOR A JOB?

Contact Career Services
586.445.7321
careerservices@macomb.edu

TRANSFERRING IS EASY

Talk to a Macomb counselor or academic advisor before registering for classes.
Center Campus: 586.286.2228
South Campus: 586.445.7211
Email: answer@macomb.edu

FOR MORE INFORMATION

For the most current information on the Mathematics Program, or any program at Macomb Community College, visit the College's website: www.macomb.edu or call 866.Macomb1 (866.622.6621).

Two years at Macomb equals a tremendous savings—about \$18,000—compared to attending a Michigan four-year public university. 80 percent of our students leave DEBT FREE!



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