



At Mayville State, you'll earn more than a degree. You'll earn an education.

Mathematics • Bachelor of Science Online

Have you always done well in high school and introductory college math courses? Have you dreamed of attaining your career goals with a major in mathematics but been unable to leave your work and/or family commitments to attend traditional day classes to get the required education? Then this completely online mathematics program is for you.

Personal Service

We pride ourselves on being just the right size to give students the time they deserve. Our average class size is 15. Your professors will introduce you to new ways of thinking, exploring issues creatively, and evaluating ideas as you engage in the world. You will have small, personalized class settings and the most advanced technology you are likely to see on a college campus.

Flexible

Through the completely online course rotation, you can balance work, family and coursework demands as you complete this degree.

Success

The business administration minor allows you to explore mathematical applications in the business world. We also have internship opportunities to give you real, hands-on learning experiences and make your resumé stand out. A general science minor is also available online.

Value

The combination of MSU's affordability and its unique offerings make it a Best in the Midwest College, as designated by the Princeton Review. MSU was also named one of the 2013 top three Public Regional Colleges in the Midwest by U.S. News & World Report.



The Program

MSU's mathematics education program provides you with the knowledge, skills, and techniques that are essential to using mathematics in teaching positions. You'll develop an awareness of the vital connections between mathematical topics and their real world applications. The online mathematics education program, with a business administration or general science minor, is a transfer student-oriented program with courses offered in a cohort-based rotation.

Please note that this is an eight-semester, or approximately three-year, cohort program, including two summer sessions. If a student drops, fails, or does not register for a course in the three year-rotation, it is the student's responsibility to find an appropriate course substitution or wait until the course is offered again.

Advantages

Transfer-Friendly. Most coursework previously earned from accredited institutions will be accepted. Small class sizes will allow you access to your instructors. You'll be able to get the attention you need while strengthening the foundation of your education in mathematics.

Employment Options. Numerous teaching and nonteaching career opportunities are available. In addition to teaching careers, graduates from MSU's mathematics education program will be prepared for career opportunities as:

- Accountant
- Actuary
- Banker
- College administrator
- Economist
- Tax manager
- Computer technician
- Statistician
- Demographer
- System analyst
- Chief financial officer

Students would also be prepared to attend graduate school for further education in the field of mathematics.



1-800-437-4104
www.mayvillestate.edu

A Word About Our Grads

Mayville State mathematics graduates are prepared for a bright future in many non-teaching positions in business and industry. They are enjoying careers as family medicine doctors, lawyers and other professional positions. Mayville State alumni of mathematics programs also include employees of Blue Cross Blue Shield of ND, a medical claims representative at Progressive Insurance, and a financial analyst with Wells Fargo Bank.

Mathematics

This major provides students with the knowledge, skills and techniques needed for using mathematics in non-teaching positions in business or industry. This major consists of 33 semester hours in mathematics, including completion of the final comprehensive examination (MATH 476S). Students without a previously earned bachelor's degree but with an associate's degree complete a minor. Business Administration or General Science minors are available online. Students with an earned bachelor's degree are not required to complete a minor. Students without any previous degree must complete a minor, the IT certificate, and HPER 100 and HPER 210. Pre-requisite course needed is MATH 103. Students with previously earned bachelor's degrees are only required to complete the Mathematics major and 30 credits in residence from MSU.

Mathematics

Core Requirements (33 S.H.)

MATH 105	Trigonometry.....	2
MATH 165	Calculus I.....	4
MATH 166	Calculus II.....	4
MATH 265	Calculus III.....	4
MATH 323	Probability & Statistics.....	3
MATH 389	Modern Geometry.....	3
MATH 412	Differential Equations.....	3
MATH 420	History & Philosophy of Math.....	3
MATH 435	Theory of Numbers.....	3
MATH 443	Algebraic Structures w/ Prog.....	3
MATH 476 S	Comprehensive Exam.....	1



Business Administration Minor

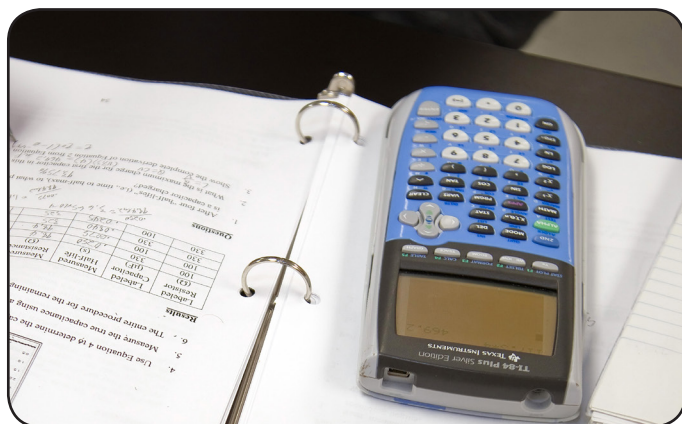
Core Requirements (18 S.H.)

ACCT 200	Elem of Accounting I.....	3
ACCT 201	Elem of Accounting II.....	3
ACCT 360	Accounting Systems.....	2
BADM 301	Principles of Marketing.....	3
BADM 302	Principles of Management.....	3
BOTE 347	Computer App in Business.....	3
BUSN 491	Professional Development.....	1

General Science Minor

Select from (20 S.H.):

BIOL 150/L	General Biology I/Lab.....	4
BIOL 151/L	General Biology II/Lab.....	4
BIOL 220/L	Anatomy & Physiology I/Lab.....	4
BIOL 221/L	Anatomy & Physiology II/Lab.....	4
GEOL 115/L	Introductory Geology/Lab.....	4
PHYS 251	University Physics I.....	4
PHYS 252	University Physics II.....	4



Contact Information

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