

MATHEMATICS & STATISTICS

The Department of Mathematics and Statistics offers a variety of courses and programs with dedicated faculty to provide individual attention to students. Majoring in mathematics or statistics teaches you to be a good problem solver, and that is the key to success in any career - finding efficient ways to solve problems inherent in your job. The problems do not have to be quantitative since critical thinking and mathematics go hand-in-hand.

PROGRAMS



DEGREES AND CERTIFICATES

- Bachelor of Science in Mathematics
- Bachelor of Science in Statistics
- Bachelor of Arts in Mathematics
- Bachelor of Science in Mathematics Teaching
- Master of Science in Mathematics and Statistics
- Master of Science in Applied Statistics
- Master of Arts in Mathematics
- Master of Science in Mathematics Education

ABOUT THE PROGRAM

Obtaining a major in Mathematics and Statistics prepares students for a variety of career opportunities. The program offerings provide sufficient background in mathematics, statistics, and computer science to enable graduates to pursue a career in business, industry, science, and more advanced study of statistics.

REAL-WORLD CONNECTIONS



SKILLS AND TALENTS

- Analytical Thinking and Methods
- Data Management
- Scientific Reasoning
- Problem-Solving
- Reporting Skills
- Communication Skills

CAREERS

- Teacher
- Software Engineer
- Professor
- Business Analyst
- Financial Analyst
- Statistician

EMPLOYERS

- 3M
- Bank of America
- BI Worldwide
- Mathematical Sciences Research Institute
- Thomson Reuters
- United Health Group

INSPIRED ACTION



EMPLOYMENT RATE

90%
of program graduates begin their careers within one year of graduation.

Graduates: 100
Respondents: 89
link.mnsu.edu/graduate-follow-up

MEDIAN SALARY

\$99,960
The median annual wage for Mathematicians and Statisticians in May 2022.

Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook, Mathematicians and Statisticians, at link.mnsu.edu/mathematics-statistics-salary

PROGRAM WEBSITE



cset.mnsu.edu/math-stats

SAMPLE FOUR-YEAR PLAN - MATHEMATICS, BS

First Year (Fall)	First Year (Spring)
MATH 121 Calculus I (4) General Education Course (10)	MATH 122 Calculus II (4) MATH 170 Introduction to Mathematical Software Programming (3) General Education Course (6) Elective Course in Minor (3)
Second Year (Fall)	Second Year (Spring)
MATH 223 Calculus III (4) MATH 290 Foundations of Mathematics (4) General Education Course (7)	MATH 247 Linear Algebra I (4) MATH 321 Ordinary Differential Equations (4) General Education Course (4) Elective Course in Minor (3)
Third Year (Fall)	Third Year (Spring)
MATH 345 Abstract Algebra I (4) MATH 375 Introduction to Discrete Mathematics (4) General Education Course (3) Elective Course in Minor (3)	MATH 316 Intermediate Analysis (3) General Education Course (6) Elective Course in Major (4) Elective Course in Minor (3)
Fourth Year (Fall)	Fourth Year (Spring)
MATH 492W Mathematics Capstone Experience (3) Elective Course in Major (4) Elective Course in Minor (3) General Elective Course (6)	Elective Course in Major (8) Elective Course in Minor (3) General Elective Course (3)

For more information about program requirements, visit:

mnsu.edu/academics/academic-catalog

LEARN MORE

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