

MATHEMATICAL SCIENCES



All photos by Lisa Wareham Photography

WHAT ARE MATHEMATICAL SCIENCES?

Mathematics is a cornerstone for all science. Mathematicians conduct research to develop and understand mathematical principles. At Montana Tech, our undergraduate curriculum features both pure and applied mathematics. Our teaching certificates in secondary mathematics are offered in a dual program with the University of Montana Western, and our students receive individual attention and work closely with faculty. Students also have many opportunities to travel to national and international conferences, and serve on state and national committees. A day in the life in Montana Tech's Mathematical Sciences program may involve assisting a professor on a social network analysis, or fish population modeling, or topology of mappings between spaces. Students may also find themselves doing their own research in addition to competing in state and national competitions.

WHAT TYPES OF SKILLS DO YOU NEED?

- You like solving puzzles
- Insatiable curiosity!
- Ability to thrive in a collaborative environment
- An aptitude for math
- A diverse set of interests

WHAT CAN YOU DO WITH YOUR DEGREE?

The Montana Tech Mathematics Department prepares students for in-demand, high-paying careers. Mathematics is not only one of the most in-demand areas in education, but a degree in mathematical sciences also gives students options for compelling career possibilities across the spectrum, including the federal government and in private science and engineering research companies. Graduates may find themselves working on medical research teams, or with engineers, research firms, scientists, and other professionals. They often make some of the best salaries in the nation.

MONTANA
TECHNOLOGICAL UNIVERSITY

MTECH.EDU/MATHEMATICS

Contact: Hilary Risser | 406-496-4581



The Mathematical Science program at Montana Tech has exceptionally prepared me for post graduate work in mathematics. The small class size allows for incredibly personalized classes that cater to your learning style. Professors in the department are always available for additional help outside of class and are happy to assist with any problems. I came to Montana Tech for the small school environment and the scholarships offered.

PAYSON LIPPERT | BIG TIMBER, MT | CLASS OF 2019

ADMISSIONS CHECKLIST

mtech.edu/apply

- APPLY FOR ADMISSION
www.mtech.edu/apply
- APPLY FOR FEDERAL FINANCIAL AID
www.mtech.edu/fafsa
FAFSA Code: 002531
- APPLY FOR SCHOLARSHIPS
www.mtech.edu/scholarships
- RESERVE HOUSING
www.mtech.edu/housing
- REGISTER FOR CLASSES
www.mtech.edu/registration
*MMR Immunizations required

MONTANA
TECHNOLOGICAL UNIVERSITY



21% JOB GROWTH
BY 2024



100% CAREER
OUTCOME RATE



6:11 FACULTY TO
STUDENT RATIO



\$46K AVERAGE
STARTING SALARY

COMPANIES WHO HAVE HIRED OUR GRADUATES



Montana Department of
LABOR & INDUSTRY

NorthWestern
Energy



BUTTE
SCHOOL DISTRICT NO. 1



ENGAGED FACULTY WITH
EXPERIENCE & EXPERTISE



THREE ACADEMIC
CONCENTRATIONS



HANDS-ON LEARNING
ENVIRONMENT



TRADITION OF RHODES &
GOLDWATER NOMINATIONS