

# Mathematics, BS or Teaching Licensure Option

## Which employers have hired Montana State University Billings Mathematics graduates?

Northern Analytical Labs	Computers Unlimited	Billings Clinic
Billings Public Schools	Zoot Enterprises	MT Department of Transportation
Stockman Bank	MSU Billings	Shephard Public School

## What are the average annual wages and potential lifetime earnings for professionals working in the Mathematics field?

Occupation	Annual wage range in MT*	Potential lifetime earnings*
Market Research Analyst	\$61,360 - \$67,410	\$63,920 x 39 = \$2,492,880
Actuary	\$62,610 - \$101,130	\$105,900 X 39 = \$4,130,100
+Mathematics Teacher, Elementary	\$56,260 - \$62,930	\$63,670 x 39 = \$2,483,130
+Mathematics Teacher, Middle School	\$57,160 - \$63,020	\$64,290 x 39 = \$2,507,310
+Mathematics Teacher, High School	\$57,440 - \$66,050	\$65,220 x 39 = \$2,543,580

\* Based on state mean and national median wage of occupation in accordance to the U.S. Bureau of Labor Statistics. Lifetime earnings is national median wage over 39 years  
 + Please review the Montana educator licensure requirements on the OPI website at <https://opi.mt.gov/>

## What percentage of Mathematics graduates report having a job after graduating?

Out of the 50% of 2022 mathematic graduates that we received grad data on, **100% reported being employed\* after graduation.**

\* Employment includes employment in major, employment not in major, continuing education, and military service.

### Not sure if Mathematics is for you?

**1.** Take an introductory class in the program such as College Algebra! Keep mental notes or a journal to track what you like and dislike!

**2.** Get a part-time job in the field. Check out CareerLink by scanning the QR Code for the latest job openings!



### Career & Employment Services

E-mail: [careers@msubillings.edu](mailto:careers@msubillings.edu) Phone: (406) 657-2168

Web: [www.msubillings.edu/careers](http://www.msubillings.edu/careers)

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# MATHEMATICS

## Bachelor of Science

### Teaching Licensure Option

#### Overview of the Mathematics Teaching Licensure program:

The Math Teaching Licensure Option (Single Subject Endorsement) is designed to prepare students intending to teach mathematics in elementary, secondary and high schools. The program aims to expose students to the fundamentals of mathematics as well as gives them a solid foundation in pedagogical skills. The focus is in developing both classroom management skills and content-related skills in students as get ready to teach.

#### What makes your program unique?

In addition to core mathematics and education courses, the students in their last semester are placed a supervised field experience in a secondary setting that allows the student to demonstrate teaching skills in the classroom with a variety of learners.

#### What students like most about this program:

Students, in collaboration with the mentor teacher, engage students in learning and participate in related experiences associated with the teaching profession. On-site mentoring and university supervision are integral to this experience.



Department Webpage:

<https://www.msubillings.edu/class/math/index.htm>

