

Career Outlook 2019: Mathematics

Mathematics Programs Available At Bemidji State University:

Major: Mathematics (B.S.), Mathematics Education (B.S.), **Minor:** Mathematics

Fields of Emphasis: General, Applied, Actuarial

Endorsement: Elementary Education (B.S.): Math

Department Website: http://www.bemidjistate.edu/academics/departments/math_computer_science/mathematics/

EMPLOYMENT AREAS AND PROJECTED DEMAND:

The "Occupational Outlook Handbook" (OOH) reports that Mathematicians and Statisticians held about 40,300 jobs in 2016. Mathematicians held about 3,100 jobs. 35% worked in federal government; 17% worked in scientific research and development services; 16% worked in education services; and 7% worked in management of companies and enterprises, and manufacturing. Statisticians held about 37,200 jobs in 2016. 13% worked in federal government; 11% worked in scientific research development services; and 17% worked with insurance carriers and healthcare and social assistance.

OOH reports that the nationwide demand for Mathematicians and Statisticians is expected to grow much faster than average through 2026, with established mathematicians generally earning between \$52,860 and \$161,900 per year. The median pay in 2017 was \$103,010 per year. The median annual wages for high school teachers was \$56,320 in 2017. Statisticians earned a median pay of \$84,060 per year in 2017.

PLACEMENT INFORMATION FOR MATHEMATICS GRADUATES:

There are many career opportunities for Bemidji State University Mathematics graduates. Of the Bemidji State University 2016-2017 Mathematics graduates with a B.S., 83.3% reported obtaining employment within one year of graduation. Of the Bemidji State University 2016-2017 Mathematics graduates with an Education B.S. 66.7% reported obtaining related employment within one year of graduation. This does not include students who were continuing their education, not seeking employment, unavailable, or had unknown status.

PARTIAL LIST OF EMPLOYERS WHO HAVE REPORTED HIRING BSU MATHEMATICS GRADUATES*: (This list only includes employment within one year of graduation.)

Cargill	Accountant	Wayzata, MN
Cass Lake Bena High School	High School Math Teacher	Cass Lake, MN
First National Bank	Bank Teller/Accountant	Bemidji, MN
Laporte Public School	Middle School Math Teacher	Laporte, MN
Nashwauk Keewatin High School	High School Math Teacher	Nashwauk, MN
Onamia Public Schools	High School Math Teacher	Onamia, MN
Sleep Number	Supply Chain Analyst	Plymouth, MN
Travelers Insurance	Actuarial Summer Student	St. Paul, MN
US Army	15W UAS Operator	Ft. Huachuca, AR

COLLEGES AND UNIVERSITIES BSU MATHEMATICS GRADUATES HAVE GONE TO CONTINUE THEIR EDUCATION:

- Bemidji State University, Bemidji, MN

*Degrees alone do not get students jobs. Internships, summer jobs, volunteer work, part-time jobs, work-study positions, and active participation in student organizations on campus are all ways to become more competitive in a tight job market.

Bibliography:

- [Annual Graduate Follow-Up Study 2016-2017](#). Bemidji State University, Bemidji, MN (2019)
- [Bemidji State University Undergraduate Catalog 2018-2019](#). Bemidji State University, Bemidji, MN (2018)
- [Occupational Outlook Handbook](#). U.S. Dept. of Labor, JIST Publishing Inc., Indianapolis, IN (2018)

For more information, contact Career Services; Decker Hall/218-755-2038/career@bemidjistate.edu

For more job listings please visit:



<https://www.bemidjistate.edu/services/career/events-guides-resources/job-listings/>