

Career Outlook: Mathematics

Mathematics Programs Available At Bemidji State University:

Major: Mathematics (B.S.), Mathematics Education: Teacher Licensure (B.S.)

Minor: Mathematics

Fields of Emphasis: General, Applied, Actuarial

Related Major: Elementary Education: Mathematics (B.S.)

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 45,700 jobs in 2019. Mathematicians held about 2,900 jobs. 40% worked in federal government; 18% worked in colleges, universities and professional schools and 5% worked in management, scientific, and technical consulting services. Statisticians held about 42,700 jobs in 2019. 11% worked in federal government; 14% 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 33% (much faster than average) through 2029, with established mathematicians generally earning between \$58,100 and \$162,060 per year. The median pay in 2019 was \$105,030 per year. Statisticians earned a median pay of \$91,160 per year in 2019. Many mathematicians and statisticians have advanced degrees. The median annual wages for high school teachers was \$61,660 in 2019.

PLACEMENT INFORMATION FOR MATHEMATICS GRADUATES:

There are many career opportunities for Bemidji State University Mathematics graduates. Of the 8 Bemidji State University 2018-2019 Mathematics graduates with a B.S., 80% reported obtaining employment within one year of graduation and 12.5% continued their education. Of the 5 Bemidji State University 2018-2019 Mathematics graduates with an Education B.S. 100% reported obtaining related employment within one year of graduation. This does not include students who were 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.)

| | | |
|--------------------------------|-----------------------------------|---------------|
| Bemidji Middle School | Teacher | Bemidji, MN |
| Cass Lake High School | Math Teacher | Cass Lake, MN |
| Epic Systems | Technical Services Engineer | Verona, WI |
| Pella Windows and Doors | Accounts Receivable Specialist | Plymouth, MN |
| Sartell School District | Middle School Math Teacher | Sartell, MN |
| Schoolcraft Learning Community | Teacher | Bemidji, MN |
| Southwestern Advantage | Student Leader | Nashville, TN |
| Verndale Public School | Math Teacher | Verndale, MN |
| Washburn School District | High School/Middle School Teacher | Washburn, WI |

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

- The University of Texas At Dallas, Richardson, TX

*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 2018-2019](#). Bemidji State University, Bemidji, MN (2021)
- [Bemidji State University Undergraduate Catalog 2020-2021](#). Bemidji State University, Bemidji, MN (2021)
- [Occupational Outlook Handbook](#). U.S. Dept. of Labor, JIST Publishing Inc., Indianapolis, IN (2020)

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/>



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BEMIDJI STATE UNIVERSITY | 2018 - 2019

GRAD STATS

FROM STUDENTS SURVEYED ONE YEAR POST-GRADUATION

CONNECTING STUDENTS TO CAREERS

TOP EMPLOYERS

1. SANFORD HEALTH
2. BEMIDJI AREA SCHOOLS
3. ESSENTIA HEALTH
4. LEECH LAKE BAND OF OJIBWE
5. SCHOOLCRAFT LEARNING COMMUNITY
6. ATHLOS LEADERSHIP ACADEMY
7. CLIFTONLARSONALLEN
8. NORTH HOMES CHILDREN & FAMILY SERVICES
9. RED LAKE SCHOOL DISTRICT
10. ALTRU HEALTH SYSTEM
11. BEMIDJI MIDDLE SCHOOL
12. FAIRVIEW HEALTH SERVICES
13. MAYO CLINIC
14. PARK RAPIDS AREA SCHOOLS
15. WANZEK CONSTRUCTION

87.7% OF

1,191

TOTAL GRADUATE AWARDS WHO RESPONDED

*95.4%

EMPLOYED WITHIN ONE YEAR OF GRADUATION

*89.7%

EMPLOYED IN A RELATED FIELD WITHIN ONE YEAR OF GRADUATION

15.8%

ARE CONTINUING THEIR EDUCATION



CAREER SERVICES

CAREER SERVICES | 218.755.2038 | CAREER@BEMIDJISTATE.EDU

*DOES NOT INCLUDE NOT SEEKING, CONTINUING EDUCATION, UNAVAILABLE FOR EMPLOYMENT, AND STATUS UNKNOWN. * THIS DOCUMENT IS AVAILABLE IN ALTERNATIVE FORMATS. PLEASE CONTACT ACCESSIBILITY SERVICES OFFICE (DECKER 202) AT (218) 755-3883, OR E-MAIL ACCESSIBILITY@BEMIDJISTATE.EDU. IF AN INTERPRETER IS NEEDED, TWO WEEKS NOTICE IS REQUESTED. ALSO AVAILABLE THROUGH THE MINNESOTA RELAY SERVICE AT 1-800-327-3529.