Career Outlook 2018: Mathematics

Mathematics Programs Available At Bemidji State University:

Major: Mathematics (B.S.), Mathematics Teacher Licensure (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 $54,890 and $160,310 per year. The median pay in 2016 was $105,810 per year. The median annual wages for high school teachers was $57,200 in 2015. Statisticians earned a median pay of $80,500 per year in 2016.

PLACEMENT INFORMATION FOR MATHEMATICS GRADUATES:
There are many career opportunities for Bemidji State University Mathematics graduates. Of the Bemidji State University 2015-2016 Mathematics graduates with a B.S., 60% reported obtaining employment within one year of graduation, and 25% continued their education. Of the Bemidji State University 2015-2016 Mathematic 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.)

<table>
<thead>
<tr>
<th>Employer</th>
<th>Position</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISD 706</td>
<td>Long-Term Substitute Teacher</td>
<td>Virginia, MN</td>
</tr>
<tr>
<td>Nagell Appraisal Inc.</td>
<td>Real Estate Appraiser</td>
<td>Plymouth, MN</td>
</tr>
<tr>
<td>Sauk Centre Public Schools</td>
<td>High School Math Teacher</td>
<td>Sauk Centre, MN</td>
</tr>
<tr>
<td>Warroad School District</td>
<td>Teacher</td>
<td>Warroad, MN</td>
</tr>
<tr>
<td>University of Montana-Missoula</td>
<td>Teaching Assistant</td>
<td>Missoula, MT</td>
</tr>
</tbody>
</table>

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

- Bemidji State University, Bemidji, MN
- The University Of Montana-Missoula, Missoula, MT

*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 2015-2016. Bemidji State University, Bemidji, MN (2018)
Bemidji State University Undergraduate Catalog 2017-2018. Bemidji State University, Bemidji, MN (2017)

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

http://www.bemidjistate.edu/students/services/career/job_search/jobs/

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