

# Career Outlook 2019: Chemistry

## Chemistry Programs Available at Bemidji State University:

**Major:** Biochemistry, Cellular and Molecular Biology (B.S.), Chemistry (B.A., B.S.), Science Education (Chemistry) Teacher Licensure (B.S.)

**Fields of Emphasis:** Biochemistry, Cellular and Molecular, Chemistry, Biochemistry/Biotechnology, Environmental Chemistry, Criminalistics **Minor:** Chemistry

**Department Website:** <http://www.bemidjistate.edu/academics/departments/chemistry>

### EMPLOYMENT AREAS AND PROJECTED DEMAND:

The "Occupational Outlook Handbook" (OOH) reports that chemists and materials scientists held about 96,200 jobs in 2016. Chemists accounted for about 88,300 of these, and materials scientists accounted for about 7,900 jobs. Most of all chemists and material scientists were employed in chemical manufacturing and scientific research and development. Firms in this industry produce plastics and synthetic materials, drugs, soaps and cleaners, pesticides and fertilizers, paint, industrial organic chemicals, and other chemical products. About 33% of chemists worked in chemical manufacturing; 17% worked in research and development in the physical, engineering, and life sciences; 10% worked in testing labs; 7% in the federal government, excluding postal service and 6% in administrative and support/waste management/remediation services. Chemists and materials scientists are employed in all parts of the country, but they are mainly concentrated in large industrial areas. OOH reports that the nationwide demand for chemists is expected to grow 7%, as fast as average, through 2026. The average salary for people established in their career is generally between \$42,960 and \$130,560. The median pay for 2017 was \$74,740 per year.

### PLACEMENT INFORMATION FOR CHEMISTRY GRADUATES:

There are many career opportunities for Bemidji State University Chemistry graduates. Of the one 2016-2017 Chemistry graduate with a Bachelor of Arts degree, 100% reported related employment one year after graduation. For the 2016-2017 Chemistry graduates with a Bachelor of Science degree 75% reported obtaining related employment within one year of graduation. For the Science Education graduates, 100% reported obtaining related employment. 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 CHEMISTRY GRADUATES\*:

(This list includes employment within one year of graduation.)

ANI Pharmaceuticals, Inc.	Quality Control Analyst	Baudette, MN
Cargill	Pilot Plant Technician	Savage, MN
Lamb Weston RDO Frozen	Team Leader Production	Park Rapids, MN
Mayo Clinic	Medical Laboratory Technologist	Rochester, MN
Minnesota West CTC	Electrician Instructor	Jackson, MN
Tempe Union High School District	Substitute Teacher	Tempe, AZ
Thrifty White Pharmacy	Pharmacy Clerk	Bemidji, MN

### COLLEGES AND UNIVERSITIES WHERE BSU CHEMISTRY GRADUATES HAVE GONE TO CONTINUE THEIR EDUCATION:

- Bemidji State University, Bemidji, MN
- Purdue University, West Lafayette, IN
- University of Minnesota Duluth, Duluth, MN
- University of North Dakota, Grand Forks, ND
- University of South Dakota, Vermillion, SD
- University of Utah, Salt Lake City, U

\*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/>