

# Career Outlook: 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 92,400 jobs in 2020. Chemists accounted for about 85,400 of these, and materials scientists accounted for about 7,100 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; 14% worked in research and development in the physical, engineering, and life sciences; 11% worked in testing labs; 7% in the federal government, excluding postal service and 4% 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 6%, (as fast as average), through 2030. The average salary for people established in their career is generally between \$44,970 and \$139,650. The median pay for 2020 was \$79,300 per year including some jobs with advanced degrees.

### PLACEMENT INFORMATION FOR CHEMISTRY GRADUATES:

There are many career opportunities for Bemidji State University Chemistry graduates. Of the one 2019-2020 Chemistry graduate with a Bachelor of Arts degree, they reported related employment one year after graduation. For the 15 2019-2020 Chemistry graduates with a Bachelor of Science degree, 100% reported obtaining related employment within one year of graduation and 5 graduates went on to continue their education. For the Science Education graduates, 66.7% 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).

Apex International Manufacturing, Inc.	Quality Control Chemist	Burnsville, MN
Emergency Physicians, PA	Medical Scribe	Minneapolis, MN
Medical Lab Scientist	Fairview Health Services	St. Paul, MN
Minnesota Valley Testing Laboratories	Chemistry Lab Technician	Bismarck, ND
Pace Analytical, 3M	Rheology Lab Assistant	Oakdale, MN
Sanford Health	Hospital Histology Technician	Sioux Falls, SD
Twin Rivers Technologies	Quality Control Chemist	Quincy, MA

### COLLEGES & UNIVERSITIES WHERE BSU CHEMISTRY GRADUATES HAVE CONTINUED EDUCATION:

- Montana State University, Bozeman, MT
- Northwest Technical College, Bemidji, MN
- University of Minnesota, Minneapolis, MN (x2)
- University of South Dakota, Sioux Falls, SD

\*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 2019-2020](#). Bemidji State University, Bemidji, MN (2022)  
[Bemidji State University Undergraduate Catalog 2020-2021](#). Bemidji State University, Bemidji, MN (2022)  
[Occupational Outlook Handbook](#). U.S. Dept. of Labor, JIST Publishing Inc., Indianapolis, IN (2021)

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/>