

Career Outlook: Biology

Biology Programs Available at Bemidji State University:

Majors: Biology (B.S., B.A.), Wildlife Biology (B.S.) - see separate Career Outlook, Biochemistry, Cellular and Molecular Biology, (B.S.), Science Education (B.S.) –Life Science Specialty (Teacher Licensure), Aquatic Biology (B.S.), – see separate Career Outlook

Minors: Biology, Wildlife Biology, Aquatic Systems, Fisheries Biology, Wetlands Ecology

Emphases: Biochemistry, Cellular and Molecular, Medical Sciences

Related Program: Medical Laboratory Science (B.S.) – see separate Career Outlook

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

EMPLOYMENT AREAS AND PROJECTED DEMAND:

The "Occupational Outlook Handbook" (OOH) reports that biological technicians held about 87,600 jobs in 2020. About 25% of all biological technicians were employed in colleges, universities, and professional schools, state and private; and 32% were employed by research and development in the physical, engineering, and life sciences. 10% of biology technicians worked for the federal government, excluding postal service; 6% worked in the pharmaceutical and medicine manufacturing and the healthcare field; and another 9% worked in hospitals, state, local, and private. OOH reports the nationwide demand for biological technicians is expected to grow 7% (as fast as average) through 2030. People established in their career generally earn between \$30,440 to \$74,600 per year, with a median salary of \$46,340 per year in 2020. A bachelor's degree is adequate for many non-research positions in biology. However, a master's degree is often required for applied research and jobs in management and a Ph.D. for college teaching.

PLACEMENT INFORMATION FOR BIOLOGY GRADUATES:

Of the 5 Bemidji State University 2019-2020 Biology graduates holding a B.A., three went on to continue their education. Of the 35 Bemidji State University 2019-2020 Biology graduates holding a B.S., 87.5% reported obtaining related employment within one year of graduation, with 10 students continuing their education. 66.7% of the Science teachers in 2019-2020 reported related employment within one year of graduation. This does not include students who were not seeking employment, continuing their education, unavailable, or had unknown status.

PARTIAL LIST OF EMPLOYERS WHO HAVE REPORTED HIRING BSU BIOLOGY GRADUATES*:

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

Access Veterinary Care	Veterinary Assistant	Minneapolis, MN
Bio-Techne	Research Associate	St. Michael, MN
Emergency Physicians, PA	Medical Scribe	Minneapolis, MN
Lake Region Healthcare	Medical Laboratory Scientist	Fergus Falls, MN
Mayo Clinic	Clinical Lab Technician	Rochester, MN
Olmsted Medical Center	Medical Technologist	Rochester, MN
Sanford Health	Scribe	Bemidji, MN
Sanford Health	Laboratory Technician	Fargo, ND
Sanford Health	Phlebotomist	Bemidji, MN
Summit Orthopedics	Medical Scribe	Hastings, MN
Takeda Pharmaceuticals	Manufacturing Associate	Brooklyn Park, MN
Tessy Medical Products	Quality Control Technician	Auburn, NY

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

- Bemidji State University, Bemidji, MN
- Chicago State University, Chicago, IL
- Iowa State University, Ames, IA
- Marian University, Indianapolis, IN
- Midwestern University, Glendale, AZ
- North Hennepin Community College, Brooklyn Park, MN
- Texas A & M University, Corpus Christi, TX
- University of Illinois Champaign-Urbana, Champaign, IL
- University of Maryland Eastern Shore, Princess Anne, MD
- University of Minnesota Twin Cities, Minneapolis, MN
- University of Nevada, Reno, NV
- University of St. Thomas, St. Paul, MN
- Washington State University, Pullman, WA

*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 2021-2022. 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:



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



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