

Career Outlook 2019: Biology

Biology Programs Available at Bemidji State University:

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

Related Program: Medical Laboratory Science (B.S.) – see separate Career Outlook **Minors:** Biology, Wetlands Ecology

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 82,100 jobs in 2016. About 28% of all biological technicians were employed in colleges, universities, and professional schools, state and private; and 29% were employed by research and development in the physical, engineering, and life sciences. 12% of biology technicians worked for the federal government, excluding postal service; 7% worked in the pharmaceutical and medicine manufacturing and the healthcare field; and another 7% worked in hospitals, state, local, and private. OOH reports the nationwide demand for biologists is expected to grow faster than average through 2026. People established in their career generally earn between \$29,120 to \$70,560 per year, with a median salary of \$43,800 per year in 2017. 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 Bemidji State University 2016-2017 Biology graduates holding a B.A., 40% reported related employment. Of the 2016-2017 Biology graduates holding a B.S., 66.7% reported obtaining related employment within one year of graduation, with 32.5% continuing their education. This does not include students who were not seeking employment, unavailable, or had unknown status. 100% of the Wildlife Biology B.S. graduates and Life Science teachers in 2016-2017 reported related employment within one year of graduation.

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

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

Academic All Star Tutoring	Private Tutor	Buffalo	MN
Alomere Health	Registered Nurse	Alexandria	MN
American Red Cross	Blood Bank Laboratory Technician	St. Paul	MN
Cass Lake Indian Health Services	Medical Technologist	Cass Lake	MN
Children's Health Care Minnesota	Histology Lab Assistant	Minneapolis	MN
Coleman National Fish Hatchery	Biological Science Technician	Red Bluff	CA
Como Park Zoo & Conservatory	Temporary Zookeeper	Minneapolis	MN
Deep Portage Conservation Center	Renewable Resources Tech	Hackensack	MN
Instrumental Research, Inc.	Laboratory Technician	Fridley	MN
Lee Richardson Zoo	Animal Keeper 1	Garden City	KS
North American Bear Center	Bear Educator	Ely	MN
ScribeAmerica	Medical Scribe	Alexandria	MN
Soil and Water Conservation District	Conservation Technician	Wilmar	MN
St. Luke's Hospital	Certified Pharmacy Technician	Duluth	MN
Twin Cities Orthopedics	Clinical Assistant	Edina	MN
Wildlife Management Services	Wildlife Technician	St. Paul	MN
Penn Foster College	Specialist	Scottsdale	AZ

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

- Bemidji State University, Bemidji, MN
- Des Moines University, Des Moines, IA
- Purdue University, West Lafayette, IN
- Penn Foster College, Scottsdale, AZ
- Vermilion Community College, Ely, MN
- Northwestern Health Sciences University, Bloomington, MN
- University of Minnesota-Duluth Medical, Duluth, MN
- University of South Dakota, Vermillion, SD
- Ross University School of Medicine, Portsmouth-Dominica, DO

*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:



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

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