

# BIOTECHNOLOGY

Biotechnology is the application of recent developments in technology to manipulate the genetic and biochemical characteristics of an organism so that the organism or its metabolites can be economically produced for our benefit. By studying how living organisms respond to their environment, researchers can better understand our planet's natural processes. With its many applications, this technology offers immense potential to protect the environment and improve human lives.

## PROGRAMS



### DEGREES AND CERTIFICATES

- Bachelor of Science in Biotechnology

### ABOUT THE PROGRAM

The Bachelor of Science in Biotechnology will prepare students to have a strong understanding of the analytical and quantitative areas of science. Students will become familiar with the theory and practice of genetic engineering and biochemical processes.

## REAL-WORLD CONNECTIONS



### SKILLS AND TALENTS

- Research Skills
- Data Analytics
- Problem-Solving
- Technology Skills
- Laboratory Skills
- Critical Thinking

### CAREERS

- Lab Technologist
- Biostatistician
- Lab Technician
- Pharmacist
- Computational Biologist
- Research Associate

### EMPLOYERS

- 3M
- Bio-Techne
- Genentech
- Biogen
- Lifecore Biomedical
- Novo Nordisk

## INSPIRED ACTION



### EMPLOYMENT RATE

**95.8%**  
of program graduates  
begin their careers within  
one year of graduation.

Graduates:  
Respondents:

[link.mnsu.edu/graduate-follow-up](http://link.mnsu.edu/graduate-follow-up)

### MEDIAN SALARY

**\$70,000**

The median annual wage for Biology  
occupations in May 2023.

Bureau of Labor Statistics, U.S. Department of  
Labor, Occupational Outlook Handbook, Biology  
occupations, at [link.mnsu.edu/biology-salary](http://link.mnsu.edu/biology-salary)

### PROGRAM WEBSITE



[cset.mnsu.edu/biotechnology](http://cset.mnsu.edu/biotechnology)

