BIOLOGY

The Biology program prepares students for professional school, graduate school, or direct entry into a career in the biological sciences. A major in one of the biological sciences can lead you to exciting frontiers in the years ahead. Trend followers predict a growth in biological science careers well into this century. Individuals with many types of biology backgrounds will be needed to shape the future of our planet.

PROGRAMS



DEGREES AND CERTIFICATES

- Bachelor of Science in Biology
- Bachelor of Science in Biology Biomedical and Cellular Biology
- Bachelor of Science in Biology Organismal Biology and Ecology
- Minor in Biology
- Master of Science in Biology

ABOUT THE PROGRAM

The Department of Biological Sciences offers programs for students preparing for careers in education, laboratory and field research, biotechnology, environmental sciences, medical laboratory sciences, cytotechnology, food science technology and pre-professional programs.

Students may elect to complete the general, nonspecialized biology major or select one of the alternative specialized emphases.

REAL-WORLD CONNECTIONS



SKILLS AND TALENTS

- Knowledge of General Biology
- Research Skills
- Data Analytics
- Natural Resources
- Laboratory Skills
- Critical Thinking

CAREERS

- Scientist
- Microbiologist
- Lab Technician
- Pharmacist
- Veterinary Assistant
- Bioinformatics

EMPLOYERS

- 3M
- Bio-Techne
- CVS Pharmacy
- Mayo Clinic Health System
- Lifecore Biomedical
- Minnesota Zoo

INSPIRED ACTION



EMPLOYMENT RATE

92%

of program graduates begin their careers within one year of graduation.

Graduates: 497 Respondents: 408 <u>link.mnsu.edu/graduate-follow-up</u>

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 <u>link.mnsu.edu/biology-salary</u>

PROGRAM WEBSITE



cset.mnsu.edu/biology



SAMPLE FOUR-YEAR PLAN - BIOLOGY, BS

First Year (Fall)	First Year (Spring)	
BIOL 105 General Biology I (4) MATH 112 College Algebra (4) General Education Course (4) General Education Course (3)	ENG 101 Foundations of Writing & Rhetoric (4) BIOL 106 General Biology II (4) MATH 113 Trigonometry (3) General Education Course (3)	
Second Year (Fall)	Second Year (Spring)	
PHYS 101 Introductory Physics (3) STAT 154 Elementary Statistics (4) CHEM 201 General Chemistry I (5) BIOL 215 General Ecology (4)	CHEM 202 General Chemistry II (5) BIOL 211 Genetics (4) ENG 271W Technical Communication (4) Elective Course in Major (4)	
Third Year (Fall)	Third Year (Spring)	
CHEM 322 Organic Chemistry I (4) Elective Course in Major (4) Elective Course in Major (4) Writing Intensive Course (3)	BIOL 301 Evolution (2) BIOL 320 Cell Biology (4) Elective Course in Major (3) General Elective Course (3) General Elective Course (3)	
Fourth Year (Fall)	Fourth Year (Spring)	
General Education Course (3) Elective Course in Major (4) Elective Course in Major (3) Diverse Cultures Course (4)	General Education Course (4) Elective Course in Major (4) Elective Course in Major (3) General Elective Course (3)	

For more information about program requirements, visit: mnsu.edu/academics/academic-catalog

LEARN MORE

Department of Biological Sciences 242 Trafton Science Center S

507-389-2786

NOTES		