ENVIRONMENTAL SCIENCE

Environmental Sciences is an applied science designed to study interactions among biological, chemical and physical components of the environment. Major areas of focus include water quality, climate change, biodiversity, and environmental assessment, with an emphasis on experiential learning through research and/or internships. This program is orientated towards helping students develop skills for leadership positions in industry, consulting firms, government and environmental groups, as well as providing a foundation for individual community involvement as an informed citizen.

PROGRAMS



DEGREES AND CERTIFICATES

- Bachelor of Science in Environmental Science
- Environmental Studies Minor

ABOUT THE PROGRAM

The Environmental Sciences Program is a unique program in the Department of Biological Sciences. The major and minor provide students with a breadth of experience while developing a well-defined disciplinary understanding in selected areas. During the senior year, each student is required to complete an individual research project or internship.

REAL-WORLD CONNECTIONS



SKILLS AND TALENTS

- Data and Analytical Skills
- Communication Skills
- · Problem-Solving Skills
- Project Management
- Interpersonal Skills
- Critical-thinking Skills

CAREERS

- Environmental Scientist
- Field Scientist
- Environmental Technician
- Inorganic Chemist
- Laboratory Technician
- Park Ranger

EMPLOYERS

- Apex Clean Coordinator
- Blue Earth County
- Carver County Environmental Services
- Delta Reservation
- Gevo
- Minnesota Conservation Corps

INSPIRED ACTION



EMPLOYMENT RATE

97.1%

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

Graduates: 49 Respondents: 38 <u>link.mnsu.edu/graduate-follow-up</u>

MEDIAN SALARY

\$78,980

The median annual wage for Environmental Scientists and Specialists in May 2023.

Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook, Environmental Scientists and Specialists, at <u>link.</u> <u>mnsu.edu/environmental-science-salary</u>

PROGRAM WEBSITE



cset.mnsu.edu/environmental-science

SAMPLE FOUR-YEAR PLAN - ENVIRONMENTAL SCIENCE, BS

First Year (Fall)	First Year (Spring)	
BIOL 104 Introduction to Soil Science (4) BIOL 106 General Biology II (4) MATH 115 Precalculus Mathematics (4) General Education Course (3)	BIOL 105 General Biology I (4) STAT 154 Elementary Statistics (4) CHEM 201 General Chemistry I (5) General Education Course (4) General Education Course (3)	
Second Year (Fall)	Second Year (Spring)	
BIOL 215 General Ecology (4) GEOG 373 Introduction to Geography Information Systems (4) ENVR 440 Environmental Regulations (3) General Education Course (4)	BIOL 217 Plant Science (4) BIOL 306 Vertebrate Zoology (4) General Education Course (4) Elective Course in Major (3)	
Third Year (Fall)	Third Year (Spring)	
BIOL 410 Global Change Biology (3) Other Graduation Course Requirements (12)	Other Graduation Course Requirements (15)	
Fourth Year (Fall)	Fourth Year (Spring)	
Other Graduation Course Requirements (15)	ENVR 470 Environmental Assessment (3) Other Graduation Course Requirements (11)	

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

LEARN MORE

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507-389-2786

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