

FRESHWATER SCIENCE AND SUSTAINABILITY

BACHELOR OF SCIENCE

MEETING YOUR NEEDS

Our unique program offers online and in-person learning, so you can balance coursework with your job and other commitments. We encourage students to take part in cutting-edge research projects and internships. These hands-on opportunities give you experience that employers value.

You'll be equipped to enter a growing field, dedicated to addressing the complex regional, national and global challenges related to the sustainability of invaluable freshwater resources. This degree will also prepare you to pursue graduate studies in science and sustainability leadership.

Potential job titles include freshwater quality analyst, watershed manager, environmental and resource manager, corporate social responsibility coordinator and more.

If you wish to conduct all of your program studies in Traverse City, you may enroll at Northwestern Michigan College and earn an associate degree, then seamlessly transfer to WMU-Traverse City to complete the final two years of coursework.

APPLICATION AND TRANSFER INFORMATION

wmich.edu/apply/undergraduate

wmich.edu/admissions/transfer/whattransfers

If you prefer to apply in person, staff at our WMU-Traverse City location can help you fill out an application.

THE FRESHWATER SCIENCE AND SUSTAINABILITY PROGRAM

The program is interdisciplinary, integrative and provides scientific knowledge and skills to:

- Understand and research freshwater ecosystems, including biology, chemistry, hydrology, limnology, resource management and flow processes
- Integrate scientific research with the environmental, social and economic aspects of sustainable management

The Great Lakes contain 20 percent of the world's surface freshwater. WMU-Traverse City is located at Northwestern Michigan College's Great Lakes Campus, situated on Grand Traverse Bay. It offers easy access to the Great Lakes and close proximity to Northern Michigan's diverse lakes, streams and wetlands. Traverse City is perfectly suited for studying freshwater science and sustainability.

PROGRAM INFORMATION

wmich.edu/traversecity/water



WESTERN MICHIGAN UNIVERSITY HAS ONE OF THE BEST ESTABLISHED ENVIRONMENTAL AND SUSTAINABILITY STUDIES PROGRAMS IN THE COUNTRY. WE ARE RECOGNIZED AS A NATIONAL LEADER IN SUSTAINABILITY.

WESTERN MICHIGAN UNIVERSITY

Western Michigan University is a national research university enrolling nearly 24,000 students from across the United States and 100 other countries. The University supports research centers and public-service clinics that work with partners nationwide to make new discoveries and improve people's lives.

The College of Arts and Sciences is WMU's largest college, boasting 26 departments and interdisciplinary programs. Our faculty teach half of all student credit hours at all WMU campuses, providing the foundation for the general education curriculum at WMU. They rank among the finest teachers and scholars anywhere in the nation.

WELCOME TO SOMEDAY

PROGRAM COMPONENTS AND COURSE REQUIREMENTS

The program consists of 92 credit hours. The final two years of coursework are offered in a hybrid (mix of online and face-to-face) format. Students have several options:

- Completing the entire program in Traverse City by taking prerequisites and introductory courses at Northwestern Michigan College and then transferring to WMU-Traverse City.
- Completing prerequisites and introductory courses at another college or university and then transferring to WMU-Traverse City.*
- Completing the entire program through WMU at our main campus in Kalamazoo, Michigan.

FRESHWATER SCIENCE AND SUSTAINABILITY

92 CR**

Major Environmental Writings	3 cr
Introductory Courses	33 cr
Sustainability Core	34 cr
Freshwater Core	10 cr
Freshwater Science Electives	12 cr

**Some requirements may be satisfied by credits you've previously earned. Meet with an advisor to figure out which classes you will need.

*Meet with a WMU advisor to discuss transfer credits.



LEARN MORE

ONLINE OR BY PHONE:

WMU-Traverse City
wmich.edu/traversecity
(231) 995-1846