

# FRESHWATER AND MARINE SCIENCES, CERTIFICATE

Freshwater and marine ecosystems are vital to human well-being. They support vast biodiversity and provide drinking water, protein, and livelihoods to people worldwide. Both freshwater and marine systems are also highly threatened. Creating a sustainable future will require people with a foundational understanding of these ecosystems.

While many Freshwater and Marine Sciences certificate courses have a strong biological focus, this certificate emphasizes the interdisciplinary nature of the aquatic sciences and incorporates courses that span the physical and biological sciences and their application to real-world problems.

The certificate provides an opportunity for students interested in areas such as environmental science, ecology and evolution, natural resources management, environmental chemistry, public policy, public health, and social justice to incorporate water-related themes into their degree program.

The Freshwater and Marine Sciences certificate is offered by the Department of Integrative Biology in the College of Letters and Sciences, and includes courses from a broad range of departments including Atmospheric and Oceanic Sciences, Botany, Geoscience, Soil and Environmental Sciences, and Civil and Environmental Engineering.

The certificate is part of the Freshwater Collaborative of Wisconsin (<https://freshwater.wisconsin.edu/>), a statewide initiative of the Universities of Wisconsin (<https://www.wisconsin.edu/>).