Career Pathways in Water Resources

Currently Employed or Displaced Workers

To Community College
For new or expanded skills and training

Internal Certificates
Tiers 4, 5 and 6
• Water Chemistry
• Wastewater Process Control
• Fresh water/wastewater
• Advanced wastewater

Community/Technical College
• A.A.S. Environmental Health and Water Quality
• A.A.S. Environmental Engineering Technician

A.A.S. Tier 4, A.S. Tier 5
Milwaukee Area Tech. College
Waukesha County Tech. College
Gateway Tech. College

To Community College
To expand hands-on skills and training

To University
To complete a four-year degree

University
Bachelor of Science (B.S.)
Tiers 5 & 6
Degrees in:
• Biology
• Microbiology
• Environmental Science
• Chemistry
• Engineering (all disciplines)
• Hydrology
• Geosciences
• GIS
• Etc.

UW-Milwaukee
UW-Parkside
UW-Whitewater
Marquette
MSOE

General Education/Core Abilities
Areas of study (Tiers 1, 2 & 3):
• English  •  Humanities  •  Social Sciences  •  Mathematics  •  Sciences

Career Clusters
(Badger Model)

High School
Areas of study (prep skills):
• Mathematics  •  Chemistry  •  Biology  •  Physics

Tech Prep

M.S./Ph.D.
Tier 6