UW–Madison
Interdisciplinary Professional Programs
Spring 2024
Water Courses

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REGISTER TODAY

FLEXIBLE COURSES OFFERED ONLINE, IN-PERSON, OR ASYNCHRONOUSLY.

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Water professionals are responsible for protecting and improving the quality and quantity of water resources in our communities. Enroll now in a course from UW-Madison, specially designed for professionals engaged in the design, operation and maintenance of public water supplies, wastewater collection and treatment systems, stormwater management programs and flood control systems. All our courses are approved for Professional Engineering Continuing Education credit.
Testimonials

“Excellent balance of interactive workshops combined with world class instruction.”

“Great presenters, networking, and update about what is going on in the industry.”

“Excellent knowledge, delivered in an enjoyable way.”

“I now have a much greater understanding of treatment and maintenance issues to improve water quality in our system.”

Scheduled Courses

Corrosion Control and Water Quality Improvement in Drinking Water Distribution Systems
July 1, 2023 – June 30, 2024 | #D182
Online
Fee: $695 | 5 CEU/5 PDH
interpro.wisc.edu/RA01377
Water quality within municipal water distribution systems and building plumbing is of growing interest to engineers, consultants, and operating professionals throughout the U.S. Taught by nationally known experts, this course combines important principles, latest technologies, and case studies to help you improve and control water quality in your distribution systems and premise plumbing.

Using HEC-RAS to Model Bridges, Culverts, and Floodplains
February 16 – March 22, 2024 | #D109
Online
Fee: $1195 | 2.1 CEU/21 PDH
interpro.wisc.edu/RA00353
This course will give you hands-on workshop experience applying HEC-RAS to real-world problems.

Aeration Blowers for Wastewater and Industrial Applications
April 15 – May 3, 2024 | #D285
Online
Fee: $795 | 0.9 CEU/9 PDH
interpro.wisc.edu/RA01856
Blowers are critical to meeting process and energy objectives for water resource recovery facilities and for many industrial processes. This course will provide valuable expertise on blower essentials, with topics ranging from the fundamentals of thermodynamics to routine blower maintenance.

PE Ethics Workshop: Ethical Considerations in Water and Wastewater Utilities
December 6, 2024 | #D329
Online
Fee: $1595 | 1.9 CEU/19 PDH
interpro.wisc.edu/RA01015
Students examine how organizations are materially impacted by climate change and how they respond to climate change from a wide variety of perspectives. Learn how companies integrate climate-related strategies within the context of their broader environmental, societal, and governance (ESG) objectives for water resource recovery facilities and future wastewater facilities and projects.

Have Questions?
Program Director
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Program Support
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Discounts available
Enroll as a team or enroll in companion courses to save! See course pages for details.

NEW COURSE...
Nutrient Removal Engineering: Phosphorus and Nitrogen in Wastewater Treatment
May 7 – 9, 2024 | #D260
Madison, WI
Fee: $1595 | 1.9 CEU/19 PDH
interpro.wisc.edu/RA01245
Phosphorus and nitrogen present significant issues for today’s wastewater treatment engineers, managers, and regulators. With new and revised regulations, many treatment plants need to further reduce the discharge of effluent nutrients to surface waters to limit the growth of algae and other aquatic vegetation. Learn the principles and the latest technologies to help manage nutrients in your own system and projects.

Carbon Strategy, Management and Reduction
May 14 – June 13, 2024 | #D327
Online
Fee: $1295 | 2.1 CEU/21 PDH
interpro.wisc.edu/RA01858
Learn how companies integrate climate-related strategies within the context of their broader organizational business strategy. Explore best practices in emissions reporting and the common ways organizations report their GHG emissions and environmental impacts (e.g. CDP, TCFD, etc.). Examine real-world examples and case studies that demonstrate the numerous ways organizations respond to climate change from a wide variety of industrial sectors.

Essentials of Drinking Water Treatment
June 25 – 27, 2024 | #D175
Madison, WI
Fee: $1595 | 1.7 CEU/17 PDH
interpro.wisc.edu/RA01015
Learn how water systems can improve their current, working knowledge of current water regulations, technical principles, recent technology developments, and case study examples so you can improve your organization’s water treatment facilities, operations, and future projects.

Essentials of Hydraulics for Civil and Environmental Professionals
A working knowledge of applied hydraulics is essential for civil and environmental engineers and technical professionals. Learn the key principles and techniques to solve practical hydraulic problems associated with water supply systems, wastewater facilities, groundwater, wells, stormwater systems, dams, reservoirs, and pumping facilities.

PE Ethics Workshop: Ethical Considerations in Water, Wastewater, and Stormwater
December 6, 2024 | #D329
Online
Fee: $195 | 0.2 CEU/2 PDH/2 LU
interpro.wisc.edu/RA01666
Explore current topics in professional ethics for engineers and associated professionals in this popular webinar series.

Carbon Accounting
Students examine how organizations are materially impacted by climate change and how they strategically respond to help minimize risks and maximize opportunities. New opportunities may include reduced costs, increased operational efficiency, new product opportunities, enhanced supply chain engagement and improved brand image.

Wastewater Treatment Processes and Technologies
Well-designed and operated wastewater treatment facilities are essential for the protection of public health and the environment in every city and community. Learn the key processes, latest technologies, and current regulations to help you design, manage and improve your current and future wastewater facilities and projects.

Instrumentation and Control for Water and Wastewater Processes
DESCRIPTION NEEDED

Wastewater Modeling
Well-designed and operated wastewater treatment facilities are essential for the protection of public health and the environment in every city and community. Learn the key processes, latest technologies, and current regulations to help you design, manage and improve your current and future wastewater facilities and projects.

Coming Fall 2024

For full course details and to enroll, go to
go.wisc.edu/water2024