University of Maryland
CENTER FOR ENVIRONMENTAL SCIENCE

Office of Professional Studies
professionalstudies@umces.edu

Registration is OPEN
Course Opens on March 15th 2027
Course Closes on May 17th 2027
Rolling Enrollment | CPD Credits | Self-Paced Courses

FALL ONLINE COURSE OFFERINGS

45 hours, $149 each

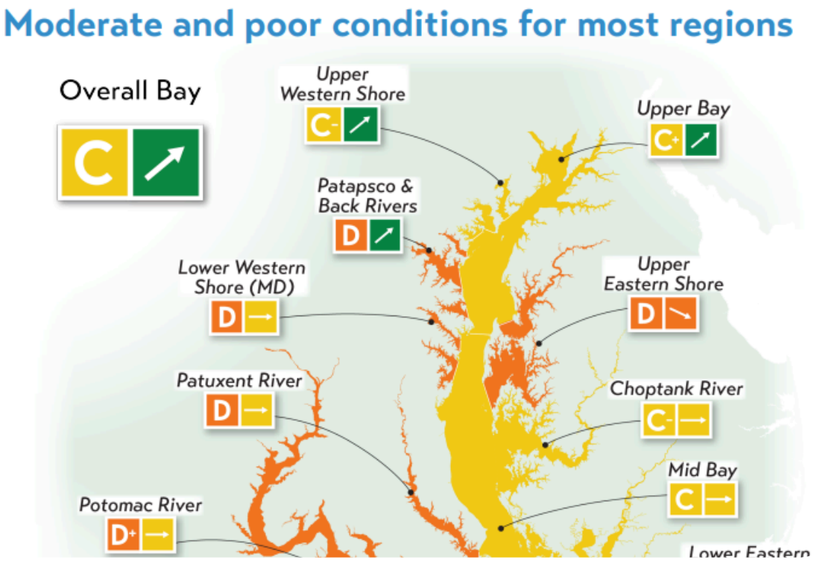


Chesapeake 101 for Educators

Chesapeake 101 is an introductory course designed to help learners explore the history, ecology, and importance of the Chesapeake Bay. Through engaging lessons and real-world examples, participants will learn how the Bay functions, the challenges it faces, and the actions being taken to protect it. This course provides the knowledge and tools needed to better understand, teach, and advocate for one of the nation's most valuable estuarine ecosystems.

Science Communication: From Data Visualization to Environmental Report Cards

This self-paced online course from the University of Maryland Center for Environmental Science is designed for anyone interested in effective data presentation and science communication. Participants will learn practical techniques for combining effective graphics and writing to transform socio-environmental data into engaging, informative stories that inspire understanding and action. Participants will also develop strategies to help students become stronger science communicators.





Science, Society, and the Environment: Turning Knowledge into Action

Taught by leading experts in the field with real world examples and studies, this course will show you how today's conservation leaders can still "change the conversation" and guide society toward solutions for complex resiliency and sustainability problems that benefit all stakeholders and future generations.

Environmental Challenges and Solutions: Lessons from Ecosystems Around the World

Case studies are the best means to analyze real world problems and assess viability of proposed solutions. This course explores a variety of ecosystems and determines how effectively they are managed given the specific challenges of each locale. Each case study presents unique solutions to address ecosystem stress. The course analyzes how monitoring, modeling, research and resource management approaches are scaled across multiple dimensions such as size, population, complexity, and maturity gradients.



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