

Basic Environmental Health Program (BEHP)

Fall 2026 Course Information

At-a-Glance Schedule

In-Person Courses

Course Name	Date	Pre-Requisite(s)
CEH-PH 101: Introduction to Public Health in New York State	September 16	UASPH-OPH 101
CEH-EH 102 A: De-Escalation and Safety	September 17	
CEH-EH 102 B: Health Literacy and Communications that Help Promote Compliance	September 17	
CEH-PH 103 B: Communicable Disease Control	September 17	UACPHP 206
CEH-EH 109: Concepts of Water Supply Protection	October 21 – 22	
CEH-EH 107: Bureau of Community Environmental Health and Food Protection Programs (BCEHFP)	November 17 – 19	

Live Webinars

All live webinars run 9:30 – 11:30 AM unless otherwise noted

Course Name	Date	Pre-Requisite(s)
CEH-PH 103 D: Insects as Disease Vectors	October 1	
CEH-EH 104 D: Contaminated Sites	October 6	
CEH-EH 104 A.1: Meth Labs	October 8	
CEH-EH 105 A: Basic Concepts of Pest Management	October 15	
CEH-PH 102: Public Health Preparedness	October 27	FEMA IS-100.C* FEMA IS-700.B*
CEH-EH 106: Testimony & Enforcement	November 5	
CEH-CS100: Confined Spaces Awareness Training	November 13	

**If you have not completed these courses as part of the new hire orientation at your office, please complete them prior to taking PH 102. You do not need to submit a copy of the certificate of completion.*

Recorded Webinars & Online Courses

Course Name	Deadline*
UASPH-OPH-101: Orientation to Public Health	September 16
UACPHP 200: Intro to Microbiology and Communicable Disease Control	
UACPHP 206: Field Epidemiology	September 17
CEH-PH 103 C: Zoonoses	
CEH-EH 104 A: Indoor Air/Oil Spills	
CEH-EH 104 A.2: Extreme Weather and Environmental Health	
CEH-EH 104 C: Radiation Health	
CEH-EH 107A.1: Indoor Tanning & Body Art Programs	
CEH-EH 107A.2: Tobacco Enforcement	
CEH-EH 109A.1: Protection Against Legionella	

**Deadline only applicable to courses required as prerequisites. Suggested completion dates for other courses are included in the program calendar.*

Course Descriptions

In-Person Courses

CEH-PH 101: Introduction to Public Health in New York State

Format: In-person (1 day) **Instructor(s):** Jim Maurer, Emily Edmister

Pre-Requisites: UASPH-OPH 101 **Completion Requirements:** Attend and pass quiz

Learning Objectives:

- A brief history of public health including the Great Sanitary Awakening
- Overview of modern public health and determinants of health
- Definition of public health and introduction to 10 essential services
- Organizational structure of Public and Environmental Health at the federal, state and local levels
- Legal aspects of public health
- Introduction to ethics; interactive exercises to highlight conflicts public and environmental health professionals may face

CEH-EH 102 A: De-Escalation and Safety

Format: In-person (1 hour) **Instructor(s):** New York State Police

Pre-Requisites: N/A **Completion Requirements:** Attend

Learning Objectives:

- Ensuring safety and security during field visits
- Dealing with an agitated person using de-escalation tactics
- Responding to a critical incident, including active shooting events

CEH-EH 102 B: Health Literacy and Communications that Help Promote Compliance

Format: In-person (2 hour) **Instructor(s):** Gena Gallinger

Pre-Requisites: N/A **Completion Requirements:** Attend and pass quiz

Learning Objectives:

- Understand how language and culture play a role in public health compliance
- Identifying literacy barriers that can impact compliance
- Improve familiarity with resources such as interpretative services and their use during field inspections
- Knowledge and incorporation of plain language techniques and oral and written communities

CEH-PH 103 B: Communicable Disease Control

Format: In-person (1/2 day) **Instructor(s):** Bryon Backenson

Pre-Requisites: UACPHP 206 **Completion Requirements:** Attend and pass quiz

Learning Objectives:

- Principles of Epidemiology
- Public Health Surveillance and Reporting
- Outbreak investigation steps, including a case study

CEH-EH 107: Bureau of Community Environmental Health and Food Protection Programs (BCEHFP)

Format: In-person (3 days)

Instructor(s): Various BCEHFP Staff

Pre-Requisites: N/A

Completion Requirements: Attend and pass quiz

Learning Objectives: An overview of the BCEHFP programs encompassing common scientific foundations and public health goals and the administrative functions and field services designed to achieve them. Program areas include:

- Recreational Health: Children's Camps, Swimming Pools, Bathing Beaches, Recreational Aquatic Spray Grounds, Campgrounds, Agricultural Fairgrounds, Mass Gatherings
- Migrant Farm Worker Housing
- Temporary Residences // Mobile Home Parks
- Food Protection: Food Service Establishments and Foodborne Disease Surveillance
- Lead & Healthy Neighborhoods Programs: Housing Hygiene, Primary Prevention of Childhood Lead Poisoning, Healthy Neighborhoods
- Environmental Response to Elevated Blood Levels

CEH-EH 109: Concepts of Water Supply Protection

Format: In-person (2 days)

Instructor(s): Various staff from the Bureau of Water Supply Protection

Pre-Requisites: N/A

Completion Requirements: Attend and pass quiz

Learning Objectives: An overview of New York's drinking water supply program, with an emphasis on a Multiple Barrier Approach that employs technical, technological, and managerial barriers to ensure drinking water quantity, quality, and to prevent contamination from source to tap.

- Recognize the water supply program mission and its major elements.
- Describe the concepts of hydrology, surface & ground water characteristics and well construction essentials.
- List contaminants of public health concern and approaches to limiting them in water supplies.
- Identify common water treatment methods (with an emphasis on the practical application of disinfection methods).
- Discuss typical causes and responses to water emergency conditions – such as boil water notices.
- Provide an overview of public water system regulations, and guidance for local health departments.
- Describe residential water supply, onsite wastewater treatment system and realty subdivision concepts.

CEH-CS100: Confined Space Awareness Training

Format: Live Webinar

Instructor(s): Anne Marie Gibson

Pre-Requisites: N/A

Completion Requirements: Attend and pass quiz

Learning Objectives:

- Assist workers in recognizing a confined space and associated hazards.
- Understand atmospheric hazards in confined spaces as well as equipment and analytical methods to quantify/qualify and characterize hazards.
- Review occupational health and safety requirements for confined space entry.
- Emphasize expectations of public health professionals if confined space entry is encountered during routine work duties

CEH-PH 102: Public Health Preparedness

Format: Live Webinar

Instructor(s): Caitlin Norton, Shaun Brennan

Pre-Requisites:

Completion Requirements: Attend and pass quiz

- [FEMA IS-100.C](#)*
- [FEMA IS-700.B](#)*

Learning Objectives:

- Describe what emergency preparedness means in terms of public health.
- Explain basic emergency preparedness functions at the local, state, and federal levels and understand the role of the local health department (LHD) in emergency response.
- Identify public health threats that can happen in NYS that could have an environmental impact.
- Identify specific environmental health issues from these events.
- Identify environmental health issues to staff a Disaster Recovery Center.
- Know available resources and where to find them

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CEH-PH 103 D: Insects as Disease Vectors

Format: Live Webinar

Instructor(s): Bryon Backenson

Pre-Requisites: N/A

Completion Requirements: Attend and pass quiz

Learning Objectives:

- Biology and behavior of insects that affect public health
- Control of Arthropods and diseases they transmit

CEH-EH 104 D: Contaminated Sites

Format: Live Webinar

Instructor(s): Dan Tucholski

Pre-Requisites: N/A

Completion Requirements: Attend and pass quiz

Learning Objectives:

- Identify the elements of an exposure pathway at a contaminated site
- Describe the steps in a site investigation
- Identify basic environmental sample collection procedures
- Discuss the basic principles of risk communication

CEH-EH 104 A.1: Meth Labs

Format: Live Webinar

Instructor(s): Jeffrey Hebert

Pre-Requisites: N/A

Completion Requirements: Attend and pass quiz

Learning Objectives:

- Introduction to Clandestine Drug Labs
- Public Health Issues with Clandestine Labs
- Awareness and Recognition
- Chemical Hazards, Physical Hazards, Impacts on the Public/Children
- Federal and State Legislation and Cleanup Guidance
- Response and Role of State and Local Agencies

CEH-EH 105 A: Basic Concepts of Pest Management

Format: Live Webinar

Instructor(s): Gil Bloom

Pre-Requisites: N/A

Completion Requirements: Attend and pass quiz

Learning Objectives:

- Biology, behavior and population dynamics of commensal rodents
- Injuries and illness associated with commensal rodents
- Overview of Nuisance insects
- Integrated pest management, theory to application

CEH-EH 106: Testimony & Enforcement

Format: Live Webinar

Instructor(s): Mark Fleischer

Pre-Requisites: N/A

Completion Requirements: Attend and pass quiz

Learning Objectives:

- Introduction to public health laws in New York State
- Conducting public health investigations
- Laws relating to enforcement and environmental health
- Guidelines for testifying

Recorded Webinars & Online Courses

UASPH-OPH-101: Orientation to Public Health

Format: Online Course

Instructor(s): N/A

Pre-Requisites: N/A

Completion Requirements: Complete prior to PH 101

Learning Objectives:

- Define public health
- Contrast public health and medicine
- Describe the activities of public health agencies
- Identify the three core functions of public health
- Recognize the 10 essential public health services
- Match public health activities to their corresponding essential service category

UACPHP 200: Intro to Microbiology and Communicable Disease Control

Format: Online Course

Instructor(s): N/A

Pre-Requisites: N/A

Completion Requirements: Submit course certificate

Learning Objectives:

- Describe the basic characteristics of these live microbial groups: bacteria, fungi, protozoa, helminths and viruses
- Describe the public health significance of the five microbial groups

UACPHP 206: Field Epidemiology

Format: Online Course

Instructor(s): N/A

Pre-Requisites: N/A

Completion Requirements: Complete prior to PH 103B

Learning Objectives:

- Define field epidemiology
- Identify the roles of professionals involved in outbreak investigations
- Identify the steps of outbreak investigations
- Utilize some of the basic techniques for data analysis

CEH-PH 103 C: Zoonoses

Format: Recorded Webinar

Instructor(s): Andie Newman, Haillie Meek

Pre-Requisites: N/A

Completion Requirements: Watch recording and pass quiz

Learning Objectives:

- Epidemiology of zoonotic diseases
- Rabies and other zoonoses associated with environmental health (e.g., animals in public settings)

CEH-EH 104 A: Indoor Air/Oil Spills

Format: Recorded Webinar

Instructor(s): Todd Crawford, Jeffrey Hebert

Pre-Requisites: N/A

Completion Requirements: Watch recording and pass quiz

Learning Objectives:

- Describe the characterization and measurement of indoor environmental quality
- Discuss building ventilation systems, and their relationship to indoor air quality
- Recognize the soil vapor intrusion exposure pathway, chemicals of concern and investigation strategies and mitigative measures
- List possible responses to mold complaints caused by building moisture problems
- Identify impacts of oil spills on building occupants and application to the Oil Spill Relocation Network

CEH-EH 104 A.2: Extreme Weather and Environmental Health

Format: Recorded Webinar

Instructor(s): Todd Crawford

Pre-Requisites: N/A

Completion Requirements: Watch recording and pass quiz

Learning Objectives:

- Mold Introduction & General Information
- Flood Preparedness
- Flood Response and Cleanup
- Reoccupying Flooded Buildings

CEH-EH 104 C: Radiation Health

Format: Recorded Webinar

Instructor(s): David O’Hehir

Pre-Requisites: N/A

Completion Requirements: Watch recording and pass quiz

Learning Objectives:

- Describe the functions of the Bureau of Environmental Radiation Protection, and other state, local and federal radiation protection programs
- Describe the basic properties of ionizing radiation
- Describe fundamental radiation protection standards
- Describe common examples of the uses and associated hazards of radioactive materials and x-ray producing equipment

CEH-EH 107A.1: Indoor Tanning & Body Art Programs

Format: Recorded Webinar

Instructor(s): Steve Martin

Pre-Requisites: N/A

Completion Requirements: Watch recording and pass quiz

Learning Objectives:

- Health Risks
- Infection control practices associated with body art
- New York State laws associated with body art
- Regulations
- Tanning Devices Overview
- Types of body art regulated by New York State

CEH-EH 107A.2: Tobacco Enforcement

Format: Recorded Webinar

Instructor(s): Steve Martin, Shae Varmette

Pre-Requisites: N/A

Completion Requirements: Watch recording and pass quiz

Learning Objectives:

- Health Effects and Economic Impact of Smoking
- NYS Tobacco Control Program
- Adolescent Tobacco Use Prevention Act
- NYS Clean Indoor Air Act

CEH-EH 109A.1: Protection Against Legionella

Format: Recorded Webinar

Instructor(s): Matthew Morse

Pre-Requisites: N/A

Completion Requirements: Watch recording and pass quiz

Learning Objectives:

- Background and rationale
- General overview of final regulation
- Part 4 regulatory requirements
- General overview of LHD roles