Join the Field of Environmental Health
Life's too short to take just any job. The field of environmental health needs people that want to make a difference with their careers. If you have the heart, desire and skills to save lives and protect New Jersey's residents and environment, then join the next generation of environmental health professionals. The Environment and Public Health (EPH) summer course will get you there. To land a job, you need broad technical skills in areas ranging from epidemiological investigation to environmental inspection to emergency response. You also need experience and the REHS license. This seven-week course and accompanying 200-hour (five-week) internship provides the expertise and experience you need and helps prepare you for the REHS licensing exam.

REHS: The Credential You Need in Environmental Health
Graduates of the EPH program and field training are eligible to take the New Jersey licensing exam to become Registered Environmental Health Specialists (REHS). In New Jersey, an REHS acts as the front-line investigator for many of the state's public health and environmental regulations. REHS's work as health inspectors, environmental compliance managers and environmental consultants in both the public and private sectors. EPH graduates are working around the state, country and world on global and local issues including:

- Assessing data & resources to control effects of a pandemic event
- Contributing to zoning dialogue for better built environments
- Detecting, reporting & investigating infectious disease outbreaks
- Developing & exercising bioterrorism preparedness plans
- GIS mapping of disease outbreaks & contamination events
- Monitoring air, soil & food for safety & regulation compliance
- Studying insect & rodent populations to detect disease vectors

Course Content & Format
The EPH course is comprised of various modules covering a wide range of topics in environmental health and management including:

- Environmental Pollution: hazardous materials and pollution control strategies for air and water.
- Epidemiology: communicable disease, modes of transmission and outbreak investigations.
- Public Health Microbiology: microbes and the symptoms, transmission and prevention of the diseases they cause.
- Public Health Sanitation: veterinary public health, body art, tanning, pool chemistry, youth camp safety, public recreational bathing facilities and food safety principles including retail food protection, shellfish, milk, bottled water, and risk-based inspection techniques, including a mock inspection of a retail dining establishment.
- Soils, Septics and the Environment: soil logs, site evaluation and septic system design with a field day to apply what you are learning.
- Water and Wastewater: stream pollution investigation, water treatment systems, and a field trip to a facility to bring it all together; also includes a brief chemistry review to ensure all students are up to speed.

AND ... Selected Topics: from pest identification and control to risk communication, plus administration topics related to management, structure and quality improvement in health departments.

Get Real-World Experience to Match Your Education
After the 7-week classroom session concludes, we will place you in a 200-hour internship to further develop the skills that employers value. You will gain a wide range of on-the-job skills including:

- Addressing current public health concerns
- Conducting epidemiological investigations
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"EPH is the information on the licensing exam through three straight months of valuable than meeting people that I really am not substitute for the direct work experience and networking the EPH course offers."

"For me, taking EPH in the summer following my junior year put me at the end of class and put what I just learned right to use."

"The instructors are all active in their field and many are also employers. The internship directly led me to a job in a neighboring township as a full-time REHS, as it gave me the opportunity to work with a Health Officer who recommended me."

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"Additionally, it exceeded all of my expectations. Having a course come with an internship and guidance for state licensure was amazing. I couldn’t have gotten experience like this anywhere else. It was nice to go out at the end of class and put what I just learned right to use."

Faculty Advisor

Mark Rosbon, PhD, MPH, DrPH
Board of Governors Distinguished Service Professor
EHIS - Exposure Science
Editor-in-Chief, Human and Ecological Risk Assessment
Environmental and Biological Sciences, Rutgers University

Environmental Pollution

Joseph M. Mikulka, PhD
Senior Project Manager, CP Engineers, LLC
Formed Bureau Chief, NJ-DEP Water Compliance & Enforcement

Epidemiology

Peter N. Tabbott, PhD
Health Officer, Rockaway Township Division of Health

Microbiology

Karl R. Matthews, PhD
Professor and Chair, Department of Food Science, Rutgers University

Public Health Sanitation

William Manley, MS
Retail Food Project Leader, Public Health and Food Protection Program, New Jersey Department of Health

Soil Science

Vincent Agovino, PhD, PWS, LSRP
Environmental Consultant, A.V. Agovino Associates, LLC

Water / Wastewater

Robert M. Genetelli, QPA
IPPC-Chief Inspector, New Jersey State Police
Northwest Bergen County Utilities Authority

Course Prerequisites

EPH applicants must have:
• A bachelor’s degree in biological, chemical or environmental sciences (with one lab course; no grades below “C” accepted)
• A minimum of 90 credits overall

Courses in biology and chemistry are strongly recommended. If you lack 32 science credits, it may be possible for you to complete your bachelor's degree during your senior year. The required prerequisite coursework is as follows:

- Microbiology
- Public Health Sanitation
- Soil Science
- Water / Wastewater

The registration fee is $4,195. The fee includes two large binders of course materials and additional online resources. There are no required textbooks. Hardware and software required for the course are included in the registration fee. Students are responsible for their own transportation to and from the course. Students must have a computer with internet access and Microsoft Office software to complete the course. Students will be reviewed and evaluated for admission to the course on a space-available basis. Applications received after May 1 will be assessed a late fee, and no application will be considered if the non-refundable application fee is not received by May 1. Questions? Contact us at eph@njaes.rutgers.edu or by phone:

- Dalynn Knigge, Sr. Program Coordinator, 848-932-7315
- Bianca Kovalenko, Administrative Assistant, 848-932-7316

Application Deadline

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Time & Location

EPH meets from 8:45am-3:30pm, Monday-Friday for seven weeks on the Cook Campus in New Brunswick. The course is followed by a full-day session (approximately five weeks) internship at a NJ health department (placement is provided by Rutgers).

Course Fees

The non-refundable application fee is $40. The registration fee will be $4,195 if received on or before May 1, 2017. After that date, the registration fee is $4,195. The fee includes two large binders of course materials that summarize class presentations and will serve as a useful reference for regulatory, technical, and managerial information for years to come.

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Job Referral Network and Resume Writing

Our office maintains contact with thousands of professionals in environmental and public health fields who notify us of job openings throughout the year.