

# MASTER OF PUBLIC HEALTH IN THE FIELD OF ENVIRONMENTAL HEALTH SCIENCE AND POLICY (STEM)

Program Director: K. Applebaum

The Department of Environmental and Occupational Health is at the center of national and global conversations about the role of science in protecting workers, the public, and the environment from toxic substances and dangerous conditions. Faculty and staff in the department have earned a national reputation as researchers and leaders in articulating how public health science is best used in regulatory decision-making. Congressional committees, federal agencies, national scientific organizations, international public health entities, and the media contact them frequently to discuss environmental hazards and the policies addressing them.

The master of public health in environmental health science and policy program educates individuals who are committed to improving public health by reducing risks posed by environmental and occupational hazards. Students learn to apply critical and analytic skills to better understand how environmental and occupational exposures impact human health. With courses scheduled in the late afternoons and early evenings, students can obtain valuable career experience while they earn the degree.

This is a STEM designated program.

Visit the program website (<https://publichealth.gwu.edu/environmental-health-science-and-policy-mp/>) for additional information.

## ADMISSIONS

Visit the Milken Institute School of Public Health website (<https://publichealth.gwu.edu/>) for additional information about academic programs and information about GWSPH. Graduate admissions information, including application requirements and deadlines, can be found on the GWSPH Graduate Admissions website (<https://publichealth.gwu.edu/admissions/graduate-admissions/>).

## REQUIREMENTS

The following requirements must be fulfilled: 45 credits, including 17 credits in core courses, 18 credits in program-specific courses, 8 credits in elective coursework, 2-credits for the culminating experience.

Code	Title	Credits
<b>Required</b>		
Core courses (17 credits)		
PUBH 6000	MPH Applied Practice Experience	
PUBH 6002	Biostatistical Applications for Public Health	

PUBH 6003 Principles and Practices of Epidemiology

PUBH 6007 Social and Behavioral Approaches to Public Health

PUBH 6009 Fundamentals of Public Health Program Evaluation

PUBH 6011 Environmental and Biological Foundations of Public Health

PUBH 6012 Fundamentals of Health Policy

PUBH 6021 Essentials of Public Health Practice and Leadership I

PUBH 6022 Essentials of Public Health Practice and Leadership II

PUBH 6023 Interprofessional Education Experience

Program-specific courses (18 credits)

PUBH 6121 Environmental and Occupational Epidemiology

PUBH 6122 Protecting Public Health and the Environment: Policies, Politics, and Programs

PUBH 6123 Toxicology: Applications for Public Health Policy

PUBH 6124 Risk Management and Communication

PUBH 6126 Assessment and Control of Environmental Hazards

PUBH 6131 Quantitative Methods in Environmental and Occupational Health

### Electives (8 credits)

8 credits taken in any graduate level PUBH courses.

### Culminating experience (2 credits)

PUBH 6137 Environmental and Occupational Health Culminating Experience I

PUBH 6138 Environmental and Occupational Health Culminating Experience II

### MPH graduation requirements

1. Graduate credit requirement: 45 graduate credits.
2. Course requirements: Successful completion of core and program-specific courses.
3. Practicum Requirement: Students are required to fulfill all requirements of the Applied Practice Experience (Practicum) to receive credit for PUBH 6000 MPH Applied Practice Experience.

4. Interprofessional Education Experience (IPE): Students are required to enroll and participate in an authorized IPE activity (PUBH 6023 Interprofessional Education Experience).
5. Minimum grade-point requirement: minimum 3.0 (B) cumulative grade-point average.
6. Time limit requirement: The degree must be completed within five years.
7. Transfer credit policy: With approval, up to 12 graduate credits that have not been applied to any previous graduate degree may be transferred to the master of public health program. External credits must have been earned from an accredited institution in the last three years with a minimum grade of 3.0 (B) in each course. Students in SPH graduate certificate programs can transfer as many credits earned toward the certificate to the MPH degree as meet MPH degree requirements, to a maximum of 18 credits.
8. Graduate certificate students wishing to transfer to a degree program may apply to do so after completion of three or more courses with a cumulative GPA of 3.0 via the online change of concentration petition (<https://publichealth.gwu.edu/academics/forms/>). A minimum grade of B is required for a specific course to be eligible for transfer.
9. CITI Training requirement: All students are required to complete training regarding human subject protection regulation and the Health Insurance Portability and Accountability Act of 1996 (HIPAA).
10. Integrity Quiz and Plagiarism requirement: All students are required to review the George Washington University Code of Academic Integrity (<https://studentconduct.gwu.edu/code-academic-integrity/>) and take the SPH Academic Integrity Quiz at GWSPH Source (<https://source.publichealth.gwu.edu/user/login/?destination=node/193>). within their first semester of study.
11. Professional Enhancement requirement: Students must participate in eight hours of public health-related lectures, seminars, and symposia, related to their field of study.

## COMBINED PROGRAMS

### Combined programs

- Joint Master of Science in Health Sciences in the field of physician assistant and Master of Public Health (<http://bulletin.gwu.edu/public-health/mshs-mp/>)
- Joint Master of Public Health or SPH graduate certificate and Juris Doctor or Master of Laws (<http://bulletin.gwu.edu/public-health/jd-mp/>)