MASTER OF PUBLIC HEALTH IN THE FIELD OF ENVIRONMENTAL HEALTH SCIENCE AND POLICY

Program Director  K. Applebaum

Mission
The mission of the master of public health (MPH) in the field of environmental health science and policy degree program is to educate individuals who are committed to improving public health through reducing risks posed by environmental and occupational hazards. In this program, students learn to apply critical and analytic skills to better understand how environmental and occupational exposures impact human health. Graduates bring these skills into the world in order to develop, implement, and evaluate environmental health practices and policies.

Program graduates possess a multidisciplinary knowledge base and skill set that provides them a framework for addressing environmental and occupational health (EOH) issues. They understand three distinct scientific foundations of environmental health in order to:

- Assess and control environmental and occupational exposures;
- Understand the effects of these exposures on human health;
- Interpret epidemiological and other research findings related to environmental risks;
- Analyze policy implications and participate in policy development, implementation, and evaluation; and
- Assess and manage environmental and occupational risks.

Visit the program website [(https://publichealth.gwu.edu/programs/environmental-health-science-and-policy-mph)] for additional program information.

REQUIREMENTS
The following requirements must be fulfilled: 45 credits, including 17 credits in core courses, 22 credits in program-specific courses, 4 credits in elective courses, a 2-credit culminating experience.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td></td>
<td><strong>Required</strong></td>
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<tr>
<td></td>
<td>Core courses</td>
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<tr>
<td>PUBH 6002</td>
<td>Biostatistical Applications for Public Health</td>
<td></td>
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<tr>
<td>PUBH 6003</td>
<td>Principles and Practices of Epidemiology</td>
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Program-specific courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PUBH 6121</td>
<td>Environmental and Occupational Epidemiology</td>
<td></td>
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<tr>
<td>PUBH 6122</td>
<td>Protecting Public Health and the Environment: Policies, Politics, and Programs</td>
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<tr>
<td>PUBH 6123</td>
<td>Toxicology: Applications for Public Health Policy</td>
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<tr>
<td>PUBH 6124</td>
<td>Problem Solving in EOH</td>
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<tr>
<td>PUBH 6126</td>
<td>Assessment and Control of Environmental Hazards</td>
<td></td>
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<tr>
<td>PUBH 6131</td>
<td>Applied Data Analysis in Environmental and Occupational Health</td>
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Program-specific electives

A minimum of 4 credits from the following program-specific elective courses:

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>PUBH 6127</td>
<td>Germs: An Introduction to Environmental Health Microbiology</td>
<td></td>
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<tr>
<td>PUBH 6128</td>
<td>Global Environmental and Occupational Health</td>
<td></td>
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<tr>
<td>PUBH 6130</td>
<td>Sustainable Energy and the Environment</td>
<td></td>
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<tr>
<td>PUBH 6133</td>
<td>Social Dimensions in Climate Change and Health</td>
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<tr>
<td>PUBH 6135</td>
<td>Researching Climate Change and Human Health</td>
<td></td>
</tr>
<tr>
<td>PUBH 6199</td>
<td>Topics in EOH</td>
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Additional electives
4 credits in any graduate-level SPH courses. If more than
4 credits in program-specific elective courses are taken,
the number of credits required in this category is reduced
accordingly.

<table>
<thead>
<tr>
<th>Culminating experience</th>
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<tbody>
<tr>
<td>PUBH 6137 &amp; PUBH 6138</td>
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<tr>
<td>Environmental and Occupational Health Culminating Experience I and Environmental and Occupational Health Culminating Experience II</td>
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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 6022.
4. Interprofessional Education Experience (IPE): Students
   are required to enroll and participate in an authorized IPE
   activity (PUBH 6023).
5. Minimum grade-point requirement: minimum 3.0
   (B average) 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 grade of B or
above 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.