MASTER OF PUBLIC HEALTH IN THE FIELD OF EPIDEMIOLOGY

Program Co-Directors M. Magnus, H. Young

Mission
The mission of the master of public health in the field of epidemiology degree program is to help students develop the necessary methodological and quantitative skills to work successfully in the field. While nurturing students’ capacity to think critically and creatively, students are encouraged to deepen their commitment to improving the public’s health and to engaging in and promoting public service qualities essential for future epidemiologists and public health practitioners.

Goals
The goals of the program are to ensure that graduates:

• Understand and adhere to high scientific standards for research;
• Understand and follow guidelines for ethical treatment of research participants;
• Can communicate research findings to a lay audience; and
• Respect cultural diversity throughout all of the above.

Specific admission requirements are shown on the Graduate Program Finder. (http://www.gwu.edu/all-graduate-programs)

Visit the program website (https://publichealth.gwu.edu/programs/epidemiology-mph) for additional program information.

REQUIREMENTS
The following requirements must be fulfilled: 45 credits, including 15 credits in core courses, 12 credits in program-specific courses, 4 credits in epidemiology foundational courses, 4 credits in epidemiology-biostatistics electives, 6 credits in SPH course electives, 2 credits in a practicum, and 2 credits in a culminating experience.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Required</td>
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<tr>
<td>Core</td>
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<tr>
<td>PUBH 6001</td>
<td>Biological Concepts in Public Health</td>
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<td>PUBH 6002</td>
<td>Biostatistical Applications for Public Health</td>
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<td>PUBH 6003</td>
<td>Principles and Practices of Epidemiology</td>
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<td>PUBH 6004</td>
<td>Environmental and Occupational Health in a Sustainable World</td>
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PUBH 6006 Management and Policy Approaches to Public Health
PUBH 6007 Social and Behavioral Approaches to Public Health

Departmental

PUBH 6247 Design of Health Studies
PUBH 6249 Use of Statistical Packages: Data Management and Data Analysis
PUBH 6252 Advanced Epidemiology Methods
PUBH 6260 Advanced Data Analysis for Public Health

Program-specific epidemiology foundational

At least two of the following courses (4 credits):

PUBH 6237 Chronic Disease Epidemiology
PUBH 6241 Nutritional Epidemiology
PUBH 6242 Clinical Epidemiology and Public Health: Reading the Research
PUBH 6244 Cancer Epidemiology
PUBH 6245 Infectious Disease Epidemiology
PUBH 6248 Epidemiology of Aging
PUBH 6250 Epidemiology of HIV/AIDS
PUBH 6259 Epidemiology Surveillance in Public Health

Epidemiology electives

4 elective credits from Department of Epidemiology and Biostatistics course offerings or other specified courses. A sample list of courses that could fulfill this requirement are shown below. Additional courses may be announced.

PUBH 6235 Epidemiology of Obesity
PUBH 6236 Systematic Review of Public Health Literature
PUBH 6238 Molecular Epidemiology
PUBH 6239 Epidemiology of Foodborne and Waterborne Diseases
PUBH 6240 Pediatric HIV/AIDS
PUBH 6243 Topics in Clinical Epidemiology and Public Health: Reading the Research
PUBH 6253 Issues in HIV Care and Treatment
Graduation Requirements
1. Graduate credit requirement: 45 graduate credits.
2. Course requirements: Successful completion of core and program-specific courses.
3. Minimum grade-point requirement: 3.0 (B average) overall grade-point average.
4. Time limit requirement: The degree must be completed within four years.
5. Transfer credit policy: Up to 12 graduate credits that have not been applied to a 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 (or grade-point average) of B (3.0) or above. SPH graduate certificate students can transfer as many credits as meet program requirements—up to 18 credits—to the MPH degree. Graduate certificate students wishing to transfer to a degree program may apply to do so via the online change of concentration petition after completion of three or more courses and a cumulative GPA of 3.0 or above. A grade of B or above is required for a course to be eligible for transfer.