

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.

Visit the program website (<https://publichealth.gwu.edu/programs/epidemiology-mph/>) for additional program 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, 20 credits in program-specific requirements, 6 credits in general elective courses, and a 2-credit culminating experience.

Code	Title	Credits
Required		
Core courses		
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

Departmental courses

PUBH 6247 Epidemiologic Methods I: Design of Health Studies

PUBH 6252 Epidemiologic Methods II: Advanced Epidemiologic Methods

PUBH 6853 Use of Statistical Packages for Data Management and Data Analysis

PUBH 6260 Applied Epidemiologic Data Analysis

Program-specific epidemiology foundational courses

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

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

Program-specific electives

4 credits in courses offered by the Epidemiology/Biostatistics department or selected from following list:

PUBH 6047 Systematic Reviews to Synthesize Evidence in Public Health Practice

PUBH 6121 Environmental and Occupational Epidemiology

PUBH 6127 Introduction to Environmental Health Microbiology

EXNS 6208	Physical Activity in Public Health
PUBH 6299	Topics in Epidemiology
PUBH 6455	Global Vaccinology
PUBH 6484	Prevention and Control of Vector Borne Diseases
PUBH 6486	Global Health Programs and Approaches to the Control of Infectious Diseases
PUBH 6492	Global Health Programs and Approaches to the Control of Chronic Diseases
PUBH 6899	Topics in Biostatistics and Bioinformatics

Additional electives

6 credits in any graduate-level SPH courses.

Culminating experience

PUBH 6015	Culminating Experience (taken for 2 credits)
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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 (<https://bulletin.gwu.edu/public-health/mshs-mph/>)
- Joint Master of Public Health or SPH graduate certificate and Juris Doctor or Master of Laws (<https://bulletin.gwu.edu/public-health/jd-mph/>)