MASTER OF PUBLIC HEALTH IN THE FIELD OF BIOSTATISTICS

Program Director  H. Hoffman

Mission
The mission of the master of public health in the field of biostatistics degree program is to educate students in the methodological and quantitative skills needed to apply statistical methods to the biological, biomedical, and health services sciences. In addition to enhancing students’ capacity to think critically and creatively, the program deepens their commitment to improving the public’s health and to engaging in and promoting public service—qualities essential to biostatisticians and public health practitioners.

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

• Understand and adhere to high scientific standards for research.
• Understand how to apply statistical methods to biological/biomedical sciences and health services.
• Understand and follow guidelines for ethical treatment of research participants.
• Communicate research findings to a lay audience.
• Respect cultural diversity throughout all of the above.

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

ADMISSIONS

Admission deadlines:
Spring - October 1
Summer - December 15

M.P.H. applicants: Individuals interested in applying to the M.P.H. program should submit their application and supporting documents through SOPHAS, a general online application for schools of public health. A graduated fee is charged for this application, depending on the number of accredited schools to which you apply.

Standardized test scores:
GRE general test (institutional code 5268), LSAT, MCAT, or GMAT. Waived for applicants who hold a graduate degree (i.e. MA, MS, JD).

Statement of purpose:
In an essay of approximately 1500 words, state your purpose in undertaking graduate study in your chosen field. Include your academic objectives, research interests, and career plans. Also discuss your related qualifications, including collegiate, professional, and community activities, and any other substantial accomplishments not already mentioned in the application. The Committee reviews your Statement of Purpose to determine your motivation for pursuing a career in public health and health services.

International applicants only: Please follow this link - https://graduate.admissions.gwu.edu/international-student-application-requirements (https://graduate.admissions.gwu.edu/international-student-application-requirements/) - to review the International Applicant Information carefully for details on required documents, earlier deadlines for applicants requiring an I-20 or DS-2019 from GW, and English language requirements.

Supporting documents not submitted online should be mailed to:

M.P.H. applicants:
Office of Admissions
Suite 200
Milken Institute School of Public Health
950 New Hampshire Ave. NW
Washington, DC 20052

Contact for questions:
GWSPHadmit@gwu.edu  202.994.2160 (phone)
http://publichealth.gwu.edu/admissions

• Academic IELTS: an overall band score of 7.0 with no individual band score below 6.0.
• TOEFL: 100 on Internet-based.

Recommendation required:
Prior academic records: Transcripts are required from all colleges and universities attended, whether or not credit was earned, the program was completed, or the credit appears as transfer credit on another transcript. Transcripts must be forwarded to SOPHAS in their original sealed envelopes directly from the institution. Official transcripts from institutions outside the United States must be accompanied by an official transcript evaluation from an accredited independent evaluating agency. Please be sure you request a detailed evaluation that includes all course titles, credit hours, grade-point average (GPA), United States degree equivalency, and date of degree conferral. For a list of acceptable foreign credential evaluation services, please follow this link: https://www.naces.org/members.htm.

International applicants only: Please follow this link - https://graduate.admissions.gwu.edu/international-student-application-requirements (https://graduate.admissions.gwu.edu/international-student-application-requirements/) - to review the International Applicant Information carefully for details on required documents, earlier deadlines for applicants requiring an I-20 or DS-2019 from GW, and English language requirements.

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**REQUIREMENTS**

The following requirements must be fulfilled: 45 credits, including 14 credits in core courses, 22 credits in program-specific courses, 7 credits in elective courses, and a 2-credit culminating experience.

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PUBH 6003</td>
<td>Principles and Practices of Epidemiology</td>
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<tr>
<td>PUBH 6007</td>
<td>Social and Behavioral Approaches to Public Health</td>
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<tr>
<td>PUBH 6009</td>
<td>Fundamentals of Public Health Program Evaluation</td>
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<tr>
<td>PUBH 6011</td>
<td>Environmental and Biological Foundations of Public Health</td>
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<tr>
<td>PUBH 6012</td>
<td>Fundamentals of Health Policy</td>
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<tr>
<td>PUBH 6021</td>
<td>Essentials of Public Health Practice and Leadership I</td>
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<tr>
<td>PUBH 6022</td>
<td>Essentials of Public Health Practice and Leadership II (Includes Practicum)</td>
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<tr>
<td>PUBH 6023</td>
<td>Interprofessional Education Experience</td>
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Departmental/program-specific courses (22 credits)

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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>PUBH 6850</td>
<td>Introduction to SAS for Public Health Research</td>
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<tr>
<td>PUBH 6851</td>
<td>Introduction to R for Public Health Research</td>
<td></td>
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<tr>
<td>PUBH 6852</td>
<td>Introduction to Python for Public Health Research</td>
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<tr>
<td>PUBH 6853</td>
<td>Use of Statistical Packages for Data Management and Data Analysis</td>
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<td>PUBH 6862</td>
<td>Applied Linear Regression Analysis for Public Health Research</td>
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<td>PUBH 6864</td>
<td>Applied Survival Analysis for Public Health Research</td>
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<tr>
<td>PUBH 6865</td>
<td>Applied Categorical Data Analysis</td>
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<td>PUBH 6866</td>
<td>Principles of Clinical Trials</td>
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<tr>
<td>PUBH 6868</td>
<td>Quantitative Methods</td>
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**Electives**

7 credits in any graduate-level SPH courses.

**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.