DOCTOR OF PHILOSOPHY IN THE FIELD OF HEALTH DATA SCIENCE, BIOSTATISTICS CONCENTRATION

Program Co-Directors: G. Diao, and T. Hamasaki

The doctor of philosophy in health data science develops data science leaders for applications in public health and medicine. The program advances the field by:

• Providing rigorous training in the fundamentals of health and biomedical data science.
• Fostering innovative thinking for the design, conduct, analysis, and reporting of public health research studies.
• Providing practical training through real-world research opportunities at research centers and institutes directed by departmental faculty.

Students choose one of two concentrations: biostatistics or bioinformatics.

The program offers a unique blend of the two disciplines, which helps practitioners become successful collaborators in interdisciplinary research. Each concentration focuses on the foundations of the respective discipline to acquire fundamental knowledge and experience in the subject area while gaining core knowledge in the foundations of the other concentration.

Visit the program website (https://publichealth.gwu.edu/content/health-and-biomedical-data-science-phd/) 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: 72 credits, including 11 credits in core courses, 27 credits in concentration-specific courses, at least 12 credits in elective courses, 1 credit in research literature, and at least 12 credits in dissertation research. In addition, students must complete 1 credit in UNIV 0250 Graduate Teaching Assistant Certification.

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<th>Code</th>
<th>Title</th>
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<td>PUBH 6080</td>
<td>Pathways to Public Health</td>
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Additional program requirements include, but are not limited to completion of the University’s Graduate Teaching Assistant Certification, which includes enrollment in UNIV 0250. The 1 credit earned in UNIV 2050 does not count toward the total number of credits required for the degree.

*Visit the GTAP website (https://gradfellowships.gwu.edu/graduate-teaching-assistantship-program-gtap/) for additional information.