MASTER OF PUBLIC HEALTH IN THE FIELD OF GLOBAL HEALTH EPIDEMIOLOGY AND DISEASE CONTROL

Program Director J. Tielsch

Mission
The mission of the Global Health Epidemiology and Disease Control Program is to prepare global health professionals to develop and rigorously appraise programs for the control of infectious and chronic diseases as well as injuries. Students acquire the skills needed to improve program performance, thereby helping to ensure optimum investment of scarce resources in low and middle income countries and in underserved communities around the world.

Goals
The goals of the Global Health Epidemiology and Disease Control Program are to prepare students to be applied epidemiologists in public health program implementation and evaluation to:

- Use common epidemiological tools to generate evidence on interventions targeted to infectious and chronic disease control.
- Work within real-world settings to strengthen methodological rigor of program priority setting and evaluation.
- Generate and use data for assessing burden of disease, determining efficacy and effectiveness of interventions for infectious and chronic diseases.
- Translate evidence to support program and health systems improvements and policy recommendations.
- Communicate the results of research to a broad set of constituents.

Visit the program website (https://publichealth.gwu.edu/programs/global-health-epidemiologyand-disease-control-mph) for additional program information.

REQUIREMENTS
The following requirements must be fulfilled: 45 credits including, 15 credits in core courses, 18 credits in program specific courses, 8 credits in elective courses, a 2-credit practicum, 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><strong>Core (15 credits)</strong></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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<tr>
<td><strong>Program specific (18 credits)</strong></td>
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<tr>
<td>PUBH 6247</td>
<td>Design of Health Studies</td>
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<td>PUBH 6249</td>
<td>Use of Statistical Packages: Data Management and Data Analysis</td>
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<td>PUBH 6252</td>
<td>Advanced Epidemiology Methods</td>
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<td>PUBH 6400</td>
<td>Global Health Frameworks</td>
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<td>PUBH 6411</td>
<td>Global Health Qualitative Research Methods</td>
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<tr>
<td>PUBH 6416</td>
<td>Ethical and Cultural Issues in Global Health Research and Programs</td>
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<tr>
<td>PUBH 6486</td>
<td>Global Health Programs and Approaches to the Control of Infectious Diseases</td>
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<td>PUBH 6492</td>
<td>Global Health Programs and Approaches to the Control of Chronic Diseases</td>
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<tr>
<td><strong>Electives</strong>*</td>
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<tr>
<td>PUBH 6563</td>
<td>Global Child Health</td>
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<tr>
<td>PUBH 6484</td>
<td>Prevention and Control of Vector Borne Diseases</td>
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<td>PUBH 6487</td>
<td>Emerging Zoonotic Diseases and Global Food Production</td>
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<tr>
<td>PUBH 6245</td>
<td>Infectious Disease Epidemiology</td>
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<tr>
<td>PUBH 6250</td>
<td>Epidemiology of HIV/AIDS</td>
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<td>PUBH 6253</td>
<td>Issues in HIV Care and Treatment</td>
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<td>PUBH 6240</td>
<td>Pediatric HIV/AIDS</td>
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<td>PUBH 6270</td>
<td>HIV/AIDS Surveillance</td>
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<td>PUBH 6255</td>
<td>Organizational Responses to the Local, National, and Global HIV/AIDS Epidemics</td>
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<tr>
<td>PUBH 6259</td>
<td>Epidemiology Surveillance in Public Health</td>
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<td>PUBH 6244</td>
<td>Cancer Epidemiology</td>
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<td>PUBH 6481</td>
<td>Global Mental Health</td>
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<td>PUBH 6269</td>
<td>Reproductive Epidemiology</td>
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<td>PUBH 6262</td>
<td>Introduction to Geographic Information Systems</td>
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<td>PUBH 6480</td>
<td>Public Health in Humanitarian Settings</td>
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<td>PUBH 6501</td>
<td>Program Evaluation</td>
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<td>PUBH 6132</td>
<td>Water, Sanitation, and Hygiene (WASH) in Low-Income Countries</td>
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<td>PUBH 6242</td>
<td>Clinical Epidemiology and Public Health: Reading the Research</td>
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<td>PUBH 6243</td>
<td>Topics in Clinical Epidemiology and Public Health: Reading the Research</td>
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**Practicum and Culminating Experience (4 credits)**

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<tr>
<td>PUBH 6014</td>
<td>Practicum</td>
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<tr>
<td>PUBH 6015</td>
<td>Culminating Experience</td>
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*Alternate elective courses can be selected with approval of advisor.*