MASTER OF PUBLIC HEALTH IN THE FIELD OF PUBLIC HEALTH NUTRITION

Program Director and Advisor K. Robien

Mission

The mission of the master of public health (MPH) degree program in the field of public health nutrition is to develop and train graduate students to integrate nutrition into the core of public health practice. The program encompasses a social ecological perspective on the role of nutrition in the etiology, prevention, and treatment of both acute and chronic disease at the individual, community, national, and global levels. This program is designed to train students as public health scientists and practitioners in order to assist public and private agencies with program development, implementation, and evaluation with regard to nutrition in health promotion and disease prevention.

Goals

The goals of this MPH program in the field of public health nutrition are to ensure that graduates:

• Understand the pathophysiology of common acute and chronic disease processes and the role that nutrition may play in the development of these diseases.
• Understand the factors impacting the accessibility, availability, adequacy, and safety of the food and water systems serving a community, and the relationship between community food and water systems and health outcomes.
• Develop skills in nutrition assessment of both individuals and communities.
• Utilize appropriate epidemiologic methods for developing and testing hypotheses relating to nutrition and health outcomes at the population level.
• Develop skills in designing, implementing, and evaluating nutrition interventions to improve the health of communities.
• Appreciate the role of public health policy in altering the food environment at the community level.

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/public-health-nutrition-mph) for additional program information.

REQUIREMENTS

The following requirements must be fulfilled: 45 credits, including 15 credits in core courses, 17 credits in program-specific courses, 5 credits in research methods courses, 4

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PUBH 6001</td>
<td>Biological Concepts in Public Health</td>
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<tr>
<td>PUBH 6002</td>
<td>Biostatistical Applications for Public Health</td>
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<tr>
<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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<td>PUBH 6006</td>
<td>Management and Policy Approaches to Public Health</td>
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<td>PUBH 6007</td>
<td>Social and Behavioral Approaches to Public Health</td>
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<tbody>
<tr>
<td>PUBH 6610</td>
<td>Public Health Nutrition Practice and Leadership</td>
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<tr>
<td>EXNS 6242</td>
<td>Nutrition Throughout the Life Cycle</td>
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<td>PUBH 6611</td>
<td>Nutrition Assessment</td>
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<tr>
<td>PUBH 6612</td>
<td>Food Systems in Public Health</td>
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<tr>
<td>PUBH 6613</td>
<td>U.S. Food Policy and Politics</td>
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<tr>
<td>PUBH 6482</td>
<td>or International Food and Nutrition Policy</td>
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<tr>
<td>PUBH 6612</td>
<td>Food Systems in Public Health</td>
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<tr>
<td>PUBH 6500</td>
<td>Planning and Implementing Health Promotion Programs</td>
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<td>PUBH 6501</td>
<td>Program Evaluation</td>
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Research methods

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<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>PUBH 6241</td>
<td>Nutritional Epidemiology</td>
<td></td>
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<tr>
<td>PUBH 6621</td>
<td>Applied Data Analysis in Exercise and Nutrition Sciences</td>
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and one of the following:

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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>PUBH 6236</td>
<td>Systematic Review of Public Health Literature</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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<tr>
<td>PUBH 6260</td>
<td>Advanced Data Analysis for Public Health</td>
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<td>PUBH 6262</td>
<td>Introduction to Geographic Information Systems</td>
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<tr>
<td>PUBH 6263</td>
<td>Advanced GIS</td>
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<tr>
<td>PUBH 6268</td>
<td>Advanced SAS</td>
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<tr>
<td>PUBH 6273</td>
<td>Ethnographic Methods</td>
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<tr>
<td>PUBH 6281</td>
<td>Analysis of Complex Surveys Using SAS and Stata</td>
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<tr>
<td>PUBH 6282</td>
<td>Introduction to R Programming</td>
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<tr>
<td>PUBH 6310</td>
<td>Statistical Analysis in Health Policy</td>
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<tr>
<td>PUBH 6410</td>
<td>Global Health Study Design</td>
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<tr>
<td>PUBH 6411</td>
<td>Global Health Qualitative Research Methods</td>
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<tr>
<td>PUBH 6412</td>
<td>Global Health Quantitative Research Methods</td>
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<td>PUBH 6437</td>
<td>Global Health Program Evaluation</td>
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<td>PUBH 6488</td>
<td>Cost-effectiveness Analysis in Public Health and Health Care</td>
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<tr>
<td>PUBH 6489</td>
<td>Evaluation of Food and Nutrition Programs and Policies</td>
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<td>PUBH 6504</td>
<td>Social and Behavioral Science Research Methods</td>
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<td>PUBH 6530</td>
<td>Qualitative Methods in Health Promotion</td>
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<td>PUBH 6533</td>
<td>Design and Conduct of Community Health Surveys</td>
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<tr>
<td>PUBH 6534</td>
<td>Community-Based Participatory Research</td>
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<tr>
<td>PUBH 6572</td>
<td>Marketing Research for Public Health</td>
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**Electives**

4 credits in elective courses at the 6000 level selected in consultation with the advisor.

**Practicum and culminating experience**

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<tbody>
<tr>
<td>PUBH 6014</td>
<td>Practicum</td>
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<td>PUBH 6015</td>
<td>Culminating Experience</td>
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**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.