M.P.H. MASTER OF PUBLIC HEALTH

MPH

The MPH degree is a professional degree for students who require a broad general academic experience in public health. Students will acquire competency in the fundamental public health disciplines. This includes research design and conduct, data analysis and policy analysis, communications, program planning and administration, public health systems and the organization of health services in the United States and Latin America, recognition and analysis of ethical issues in public health and professional practice, the needs of special populations, and the integration of these core disciplines in public health decision making. The MPH degree is a 45 credit hour program that is accredited by the Council on Education for Public Health.

Full-time students can expect to complete the MPH degree requirements within 2 years. An elective credit waiver may be available for students who enter the MPH degree program with an earned advanced degree (e.g., MD, DDS, DVM, JD).

Accelerated MPH

The Accelerated MPH program follows the same 45-credit curriculum as the MPH program, but is completed in one calendar year from summer to summer. Accelerated MPH students start the program in the summer semester, continue in fall semester, take courses during winter inter-session, continue in spring and spring inter-session, and end in the following summer semester. The course load per semester for accelerated students is greater than for traditional students; to ensure completion of the requirements within the shortened timeframe, accelerated students must follow the program plan designed under the supervision of their assigned faculty advisor from the start of the program. Students interested in the Accelerated MPH program must apply via SOPHAS selecting this program as there are unique admissions requirements. Visit the Application Process (https://graduatestudies.publichealth.med.miami.edu/admissions/application-process/) and FAQs (https://graduatestudies.publichealth.med.miami.edu/admissions/frequently-asked-questions/) on the Admissions page to learn more about the Accelerated MPH application process and admission requirements.

4+1 BSPH and MPH or MSPH

The University of Miami’s School of Nursing and Health Studies (SONHS) and the Department of Public Health Sciences (DPHS) offer a 4+1 program that combines a Bachelor of Science in Public Health (BSPH) and a Master of Public Health (MPH) or Master of Science in Public Health (MSPH). SONHS academically-qualified juniors are eligible to apply to the MPH or MSPH program. Applicants must be enrolled in the BSPH program with the SONHS and apply separately into the 4+1 BSPH/MPH (or 4+1 BSPH/MSPH). Applicants must be in good academic standing as defined by the School of Nursing at the time of submission. Acceptance into the BSPH program does not in any way indicate or guarantee acceptance to the MPH or MSPH degree program. The Graduate Record Exam (GRE) admissions requirement is waived for the BSPH students. If accepted, students complete the combined bachelor’s and master’s degree in 5 years. Accepted students take 12 credits of graduate level public health courses during their undergraduate senior year, then 3 to 6 graduate level credits the summer after completing the bachelors and the rest of graduate courses in the subsequent fall and spring semesters to complete the 45 credit MPH degree.

BSPH students must apply through SOPHAS during the undergraduate junior year by March 1 to start the program in the fall. Admission decisions regarding the entry of BSPH students into the MPH or MSPH program are made solely by the Admissions Committee of the Department of Public Health Sciences.

BSPH students interested in pursuing the 4+1 program must meet with their undergraduate advisor to develop an academic plan. The advisor will also explain the policies and procedures of the program and link the student with the graduate program advisor.

Curriculum Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>EPH 600</td>
<td>Introduction to the Science &amp; Practice of Public Health</td>
<td>3</td>
</tr>
<tr>
<td>EPH 601</td>
<td>Medical Biostatistics I</td>
<td>4</td>
</tr>
<tr>
<td>EPH 617</td>
<td>Disease Prevention and Health Promotion</td>
<td>3</td>
</tr>
<tr>
<td>or EPH 620</td>
<td>Health Education and Behavior</td>
<td></td>
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<tr>
<td>EPH 621</td>
<td>Fundamentals of Epidemiology</td>
<td>3</td>
</tr>
<tr>
<td>EPH 631</td>
<td>Public Health Administration</td>
<td>3</td>
</tr>
<tr>
<td>or EPH 632</td>
<td>U.S. Health Systems</td>
<td></td>
</tr>
<tr>
<td>EPH 641</td>
<td>Environmental Health</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Generalist Concentration</td>
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<tr>
<td>EPH 607</td>
<td>Interdisciplinary Health Communication</td>
<td>3</td>
</tr>
<tr>
<td>EPH 602</td>
<td>Biostatistics II</td>
<td>3</td>
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</table>
or BST 625 Survey of Statistical Computing

| EPH 644 | Fundamentals of Program Evaluation |
| EPH 656 | Qualitative Research Methods |
| EPH 647 | Community Based Participatory Research |

**Capstone**

| EPH 680 | Practical Field Experience |
| EPH 682 | Generalist Capstone Project |

**Electives Courses**

Choose 12 credits of coursework in one or more of the following areas:

- EPH - 600 or 700 level courses not already listed
- BST - 600 or 700 level courses not already listed
- Biostatistics
- Environmental and Public Health (not already listed)
- Epidemiology and Population Health Sciences
- Health Services Policy and Research
- Prevention Science and Community Health

**Total Credit Hours**

1 The Capstone Field Experience and the Capstone Project are both vital components of the MPH program, and together form the Capstone Program. The Capstone Field Experience is designed to provide students with real world work experience in the field of public health. This experience places students in health-related settings (local, national, and international) to work on projects of mutual interest to both the field organization and the student. The Capstone Project is intended to build upon this fieldwork and is geared toward providing the student with an opportunity to apply public health academic theory and acquired skills to community health problems. Students are encouraged to build their Capstone Program in such a way that supports their academic and professional interests as they advance in their careers as public health professionals.

**Mission**

The mission of the Graduate Programs in Public Health is to develop leaders who can translate knowledge into policy and practice to promote health and prevent disease in human populations.

**Goals**

Upon completion of the Master of Public Health (MPH) degree, all graduates will be able to:

- Apply epidemiological methods to the breadth of settings and situations in public health;
- Select quantitative and qualitative data collection methods appropriate for a given public health context;
- Analyze quantitative and qualitative data using biostatistics, informatics, computer-based programming and software, as appropriate;
- Interpret results of data analysis for public health research, policy or practice;
- Compare the organization, structure and function of health care, public health and regulatory systems across national and international settings;
- Discuss the means by which structural bias, social inequities and racism undermine health and create challenges to achieving health equity at organizational, community and societal levels;
- Assess population needs, assets and capacities that affect communities’ health;
- Apply awareness of cultural values and practices to the design or implementation of public health policies or programs;
- Design a population-based policy, program, project or intervention;
- Explain basic principles and tools of budget and resource management;
- Select methods to evaluate public health programs;
- Discuss multiple dimensions of the policy-making process, including the roles of ethics and evidence;
- Propose strategies to identify stakeholders and build coalitions and partnerships for influencing public health outcomes;
- Advocate for political, social or economic policies and programs that will improve health in diverse populations;
- Evaluate policies for their impact on public health and health equity;
- Apply principles of leadership, governance and management, which include creating a vision, empowering others, fostering collaboration and guiding decision making;
- Apply negotiation and mediation skills to address organizational or community challenges;
- Select communication strategies for different audiences and sectors;
- Communicate audience-appropriate public health content, both in writing and through oral presentation;
• Describe the importance of cultural competence in communicating public health content;
• Perform effectively on inter-professional teams; and
• Apply systems thinking tools to a public health issue.

**Student Learning Outcomes**

• Students will develop and demonstrate effective written and oral communication skills in the presentation of public health information.
• Students will develop and demonstrate the ability to make scholarly contributions to the field.
• Students will develop the skills and professional knowledge necessary to gain employment in public health practice.