

# M.S.P.H. MASTER OF SCIENCE IN PUBLIC HEALTH

## Overview

The Master of Science in Public Health (MSPH) is an academic research degree designed for students who wish to prepare for further study at the doctoral level, or to prepare for research or technical positions in government, industry, academia, or private institutions. Studies will include many of the core disciplines included in the Master of Public Health (MPH) degree with an additional emphasis on advanced research methods and quantitative, computational analysis skills. The MSPH program is a 42 credit hour program that is accredited by the Council on Education for Public Health.

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

## Admission Requirements

- All applicants for the Master of Science in Public Health program must submit the following items on SOPHAS (<https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fsophas.liaisoncas.com%2Fapplicant-ux%2F%23%2Fdeeplink%2FprogramSearch%2Forganization%2F1034082811816155136.&data=05%7C02%7CVerdeja%40med.miami.edu%7C45ace51a247043565a6c08dc38761b8c%7C2a144b72f23942d48c0e6f0f17c48e33%7C0%7C0%7C638447327161301972%7CUnknown%7CTWFpbGZsb3d8eyJWljiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Ikl1haWwiLCJXVCi6Mn0%3D%7C0%7C%7C%7C&sdata=H%2FrP5RnfX0yi2RGQ82bN7glm7ipkYUicYsrOwwuEsw4%3D&reserved=0>):
  - Application fee
  - Curriculum Vitae/Resume
  - Three letters of recommendation
  - Statement of Purpose/Personal statement
  - Official transcripts from every post-secondary school attended
- This graduate degree program also requires submission of certain supplemental materials, including:
  - TOEFL/IELTS score, as applicable
  - Foreign evaluation on international transcripts, as applicable

For more detailed information, please visit our Public Health Sciences Graduate Studies Admission Website (<https://graduatestudies.publichealth.med.miami.edu/admissions/application-process/>).

For further information, please contact:

**Ginelle Solis, EdD, MPA**  
**Director of Admissions and Recruitment**  
**Department of Public Health Sciences**  
**University of Miami Miller School of Medicine**  
**Tel: 305-243-7246**  
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## Curriculum Requirements

Code	Title	Credit Hours
<b>Core Courses</b>		
EPH 600	Introduction to the Science Practice of Public Health	3
EPH 601	Medical Biostatistics I	4
EPH 602	Biostatistics II	3
EPH 617 or EPH 620	Disease Prevention and Health Promotion Health Education and Behavior	3
EPH 621	Fundamentals of Epidemiology	3
EPH 631 or EPH 632	Public Health Administration U.S. Health Systems	3
EPH 641	Environmental Health	3
<b>Choose two Methods Courses <sup>1</sup></b>		<b>6</b>
<b>Elective Courses <sup>2</sup></b>		<b>8</b>
EPH-600, 700 level courses not already listed		
BST-600, 700 level courses not already listed		

Research Thesis Project		
EPH 810	Master's Thesis (Master's Thesis course)	6
<b>Total Credit Hours</b>		<b>42</b>

- <sup>1</sup> List of approved Method Courses. Select 2 courses from this list: BST 605, BST 625, BST 630, BST 692, EPH 604, EPH 644, EPH 647, EPH 651, EPH 656, EPH 703, EPH 705, EPH 727, EPH 751, EPH 729, EPH 772, EPH 774, EPH 721, EPH 752, EPH 732, EPH 776, EPH 664
- <sup>2</sup> After completion of the core courses, the student may select courses to fit his/her own area of interest. This allows for personal tailoring of the academic program to fit the student's individual needs and career goals.
- <sup>3</sup> The MSPH Thesis project requires an individual investigation of a current public health problem and allows the student to demonstrate competency in the development and implementation of a research question. Students will work closely with a faculty advisor and the thesis committee during their investigation. Formal MSPH thesis project presentation is required. The MSPH thesis process, format and deadlines follows the Electronic Thesis and Dissertation (ETD) requirements of the Graduate School.

## Sample MSPH Study Plan to complete in 2 years

This is a **sample** Plan of Study for the MSPH. Your actual course sequence may vary depending on your previous academic experience, your area of interest, and the current course offerings.

Students should meet with their academic advisor each semester through an advising session to determine the appropriate course selection for upcoming semesters.

Year One		
<b>Fall</b>		<b>Credit Hours</b>
EPH 600	Introduction to the Science Practice of Public Health	3
EPH 601	Medical Biostatistics I	4
EPH 620	Health Education and Behavior	3
EPH Elective		3
<b>Credit Hours</b>		<b>13</b>
<b>Spring</b>		
EPH 621	Fundamentals of Epidemiology	3
EPH 632	U.S. Health Systems	3
EPH 602	Biostatistics II	3
Methods Course <sup>1</sup>		3
<b>Credit Hours</b>		<b>12</b>
<b>Summer</b>		
EPH Elective		3
<b>Credit Hours</b>		<b>3</b>
<b>Year Two</b>		
<b>Fall</b>		
EPH 641	Environmental Health	3
EPH 810	Master's Thesis (Master's Thesis (Proposal))	3
Methods Course <sup>1</sup>		3
<b>Credit Hours</b>		<b>9</b>
<b>Spring</b>		
EPH Elective		2
EPH 810	Master's Thesis (Master's Thesis (Defense)) <sup>2</sup>	3
<b>Credit Hours</b>		<b>5</b>
<b>Total Credit Hours</b>		<b>42</b>

<sup>1</sup> **Methods Courses:** Must be selected from the approved method course listed in the "Curriculum" tab

<sup>2</sup> **Thesis courses:** EPH 810 section 01, Proposal must be completed prior to enrolling in EPH 810 section DEF, Defense. The 810 Master Thesis follows the ETD requirements from Graduate School.

## Mission

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

## Goals

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

- Apply epidemiologic methods to the measurement and study of population health and the prevention of infectious and chronic disease
- Explain the role of multi-level occupational and environmental conditions which directly or indirectly impact the health of individuals, communities and populations
- Examine the main components and issues of the organization, financing, and delivery of health services and public health systems
- Apply statistical reasoning and quantitative methods for the purpose of analyzing public health data in population-based research
- Identify social and behavioral concepts, models and theories that form the foundation of health promotion and disease prevention
- Differentiate between qualitative and quantitative evaluation methods in relation to their strengths, limitations and appropriate uses
- Identify public health research questions and hypotheses, analyze data and communicate research findings and conclusions in a clear and concise manner
- Assess the strengths and limitations of various research designs in collecting, analyzing and interpreting information from public health studies

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## Student Learning Outcomes

- Students will develop and demonstrate effective written and oral communication skills in the presentation of public health information to a diverse audience.
- Students will develop and demonstrate the ability to make scholarly contributions to the field.
- Students will demonstrate mastery of research competencies.