The MPH program has adopted the foundational competencies published by the Council on Education for Public Health (CEPH) in 2016 (MPH Foundational Competencies (https://storage.googleapis.com/media.ceph.org/wp_assets/2016.Criteria.pdf)) and each MPH concentration has developed concentration-specific competencies.

The learning objectives for each course in the MPH curriculum are mapped to these targeted foundational CEPH competencies and the learning objectives for courses offered in each concentration are mapped to the specific competencies developed for that concentration.

Concentrations

Concentrations are offered in each of the following areas of public health. Each concentration is designed to develop the competencies needed by a public health worker in the corresponding area.

<table>
<thead>
<tr>
<th>Concentration</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biostatistics</td>
<td>Bioinformatics and Biostatistics</td>
</tr>
<tr>
<td>Epidemiology</td>
<td>Epidemiology and Population Health</td>
</tr>
<tr>
<td>Global Public Health - emphasis in Maternal and Child Health</td>
<td>All</td>
</tr>
<tr>
<td>Health Policy</td>
<td>Health Management and System Sciences</td>
</tr>
<tr>
<td>Health Promotion and Behavioral Sciences</td>
<td>Health Promotion and Behavioral Sciences</td>
</tr>
</tbody>
</table>

Students are encouraged to declare their concentration at the time of application, though applications from students that do not declare a concentration are also accepted. For students declaring concentrations, the faculty in each concentration reviews applicants for acceptance. Applications from students that do not declare a concentration are reviewed for acceptance by the MPH Program Director.

Requirements for declaring concentrations in the MPH program after matriculation are:

- Undeclared students will need to identify to a concentration prior to November 15 of their first semester.
- The student must be in good standing in the MPH program.
- Any undeclared student will first meet with the department chair or director of the concentration prior to declaring that concentration to determine if there are any additional criteria for admission to that concentration.

Accreditation

The School of Public Health and Information Sciences is accredited by the Council on Education for Public Health (CEPH). For more information, see the School’s accreditation webpage (http://louisville.edu/sphis/accreditation).

Accelerated BA-MPH in Public Health

The accelerated degree program allows a student to complete the Bachelor of Arts in Public Health (BA) and the Master of Public Health (MPH) over a five year period. The first four years consist of undergraduate studies, including five core public health graduate level courses (15 credit hours) taken during the senior year, culminating in the award of the Bachelor of Arts in Public Health degree.

The fifth year, including the summer following graduation with a bachelor’s degree, consists of graduate coursework in public health, leading to completion of the Master of Public Health (MPH) degree. The Master of Public Health (MPH) degree program is designed to provide students with training in foundational MPH competencies as well as a specific area of concentration. MPH concentrations currently available for the accelerated program are:

- Epidemiology
- Health Promotion and Behavior
- Global Public Health with an emphasis in Maternal and Child Health

MPH graduates are prepared for positions in the public health workforce, health-related industries, academic organizations, or for further professional or academic education.

The accelerated curriculum allows students to take up to 15 credit hours of the Master of Public Health core course work during their undergraduate studies.

For more information, including admissions requirements, please refer to the BA in Public Health catalog page (http://catalog.louisville.edu/undergraduate/majors/public-health-ba).

Admission Requirements

The ideal candidate for admission to the MPH program has received the equivalent of a bachelor’s degree or higher, can comprehend and communicate effectively in English, has the recommendations of at least three persons in a health-related or advanced education field, has performed satisfactorily on one or more standardized tests, and is interested in pursuing a career in public health or a related field.

The requirements for admission to the MPH program are:

- Bachelor’s degree from an accredited institution or its equivalent
- Recommended minimum GPA of 3.0 on a 4.0 scale
- If a candidate’s primary language is not English, one of the following:
  - Test of English as a Foreign Language (TOEFL) exam with a minimum score of 90 (after conversion for test type)
• Passing an advanced level Intensive English as a Second Language program.
• Degree from an accredited U.S. institution (requires provisional admission with evaluation of English language competency and potential requirement to pass an advanced level Intensive English as a Second Language program)

Applicants must apply through the Centralized Application Service for Public Health (SOPHAS) at SOPHAS.org (http://WWW.SOPHAS.org).

Students graduating from the University of Louisville and planning to attend the MPH program can apply directly to the School of Public Health and Information Sciences.

An application is considered after the following requirements have been received:

• Three letters of recommendation written within the last twelve months.
• Official transcripts of all degrees.
• One-page personal statement written by the applicant that is a clear, substantive description of his or her goals in public health, noting any professional or research experience.
• Official score from any of the following standardized tests: GRE*, MCAT, DAT, GMAT, or LSAT.
• International applicants: Foreign credential evaluation of all degrees from non-U.S. institutions. Please contact the MPH program prior to completing this requirement.
• Students applying with a concentration in Health Policy must be interviewed by the HMSS Health Leadership Committee.

* The GRE requirement may be waived for applicants to the MPH Program who have four or more years of public health-related experience. Each department determines what constitutes such experience for their discipline. Applicants interested in applying for a GRE waiver should contact the relevant department.

For information on the application process, please contact:

**MPH Program**
**School of Public Health and Information Sciences**
University of Louisville
485 East Gray Street
Louisville, KY 40202

sphismph@louisville.edu
Phone: (502) 852-3289
Fax: (502) 852-3294

**Faculty Advisor**
On matriculation, each student is assigned a faculty advisor and is requested to meet at least twice each semester with his or her advisor. If a student is admitted to a specific concentration that Department will assign a specific faculty advisor. If students are admitted to the Global Health MPH or as undeclared, the MPH program director will serve as their advisor. Undeclared students admitted to a specific concentration by the end of the first semester will be assigned a faculty advisor from the Department that houses that concentration. For Global Health students, a faculty advisor from the Global Health faculty will be assigned by the end of the first semester.

The faculty advisor serves as academic practicum advisor, academic mentor, and counselor on career and employment opportunities, professional development, and opportunities beyond graduate school.

**Program Requirements**
The MPH curriculum consists of core courses, concentration courses in one of the areas of public health, completion of a practicum experience, and completion of an integrating experience. The core courses are generally completed prior to taking concentration courses, the integration experience, and the practicum.

Full-time students are expected to complete the program and graduate in two years. Part-time students are required to complete the program and graduate within six years.

**Coursework**
42-48 total credit hours:

• 15 credit hours of core courses
• Three (3) credit hours of Practice Experience
• Two (2) credit hours of Integrative Experience
• One (1) credit hour of Interprofessional Experience
• 21-27 credit hours of concentration coursework

Students must successfully complete core, concentration, practicum, and integrating experience coursework with a minimum GPA of 3.0.

**MPH Coursework**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHMS 501</td>
<td>Introduction to Public Health Practice and Administration</td>
<td>15</td>
</tr>
<tr>
<td>PHPB 501</td>
<td>Introduction to Public Health Behavior</td>
<td></td>
</tr>
<tr>
<td>PHEP 501</td>
<td>Introduction to Epidemiology</td>
<td></td>
</tr>
<tr>
<td>PHST 500</td>
<td>Introduction to Biostatistics for Health Sciences I</td>
<td></td>
</tr>
<tr>
<td>PHEH 500</td>
<td>Introduction to Environmental and Occupational Health Sciences</td>
<td></td>
</tr>
<tr>
<td>PHPH 677</td>
<td>Public Health Practice Experience 1</td>
<td>3</td>
</tr>
<tr>
<td>PHPH 678</td>
<td>Public Health Practice Experience 2</td>
<td></td>
</tr>
<tr>
<td>PHPH 679</td>
<td>Public Health Practicum Experience 3</td>
<td></td>
</tr>
<tr>
<td>PHPH 698</td>
<td>Public Health Integrative Learning Experience</td>
<td>2</td>
</tr>
<tr>
<td>PHPH 697</td>
<td>Interprofessional Experience in Public Health</td>
<td>1</td>
</tr>
</tbody>
</table>

**Concentration Coursework**

See Concentration Requirements for specific coursework and a two-year (full-time) Plan of Study

Minimum Total Hours: 42-48

**Concentration courses (minimum 21 credit hours)**
All students seeking an MPH degree in the School of Public Health and Information Sciences (SPHIS) must take a minimum of 21 credit hours in their selected concentration. For a detailed description of coursework for each of the concentrations, click on “Concentration Requirements” in the menu above.
Concentration Requirements

Concentration in Biostatistics

Academic Plan Code(s): PH_ _MPHBIO

42 total credit hours, made up of the following:

15 credit hours of MPH core coursework
Three (3) credit hours of Practice Experience
Two (2) credit hours of Integrative Experience
One (1) credit hour of Interprofessional Experience
21 credit hours of required courses in Biostatistics

The Biostatistics concentration is not available for completion by accelerated MPH students.

Concentration in Epidemiology

Academic Plan Code(s): PH_ _MPHEPI, PH_ _MPHEPA

Students concentrating in the MPH Epidemiology Program will be required to fulfill a minimum of 46 credit hours including the following:

15 credit hours of MPH core coursework
Three (3) credit hours of Practice Experience
Two (2) credit hours of Integrative Experience
One (1) credit hour of Interprofessional Experience
22 credit hours of required courses in Epidemiology
Three (3) credit hours (maximum) of either: a) an epidemiology selective

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>PHMS 501 Introduction to Public Health Practice and Administration</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>PHPB 501 Introduction to Public Health Behavior</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>PHEP 501 Introduction to Epidemiology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>PHST 500 Introduction to Biostatistics for Health Sciences I</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Hours</td>
<td>12</td>
</tr>
<tr>
<td>Spring</td>
<td>PHEH 500 Introduction to Environmental and Occupational Health Sciences</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>PHST 501 Introduction to Biostatistics for Health Sciences II</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>PHST 620 Introduction to Statistical Computing</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>PHPH 677 Public Health Practice Experience 1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Hours</td>
<td>10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>PHST 680 Biostatistical Methods I</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>PHST 645 Health Sciences Data Collection Instrumentation</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>PHPB 678 Public Health Practice Experience 2</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>PHPH 697 Interprofessional Experience in Public Health</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>PHPH 698 Public Health Integrative Learning Experience</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Hours</td>
<td>10</td>
</tr>
<tr>
<td>Spring</td>
<td>PHST 640 Statistical Methods for Research Design in Health Sciences</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>PHPH 679 Public Health Practicum Experience 3</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>PHST 681 Biostatistical Methods II</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>PHST 684 Categorical Data Analysis</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Hours</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>Minimum Total Hours</td>
<td>42</td>
</tr>
</tbody>
</table>

1 Epidemiology Selectives: Availability of the following courses will vary each year as epidemiology selectives with consideration to faculty workloads:

- PHEP 606 Genetic and Molecular Epidemiology
- PHEP 607 Epidemiology of Cancer
- PHEP 613 Epidemiology of Aging and Disability
- PHEP 620 Environmental and Occupational Epidemiology
- PHEP 624 Methods in Reproductive and Perinatal Epidemiology *
- PHEP 626 Introduction to Social Epidemiology
- PHEP 611 Nutritional Epidemiology
- PHEP 615 Foundations of Global Maternal and Child Health *
- PHEP 625 Child Health & Development *

2 PHEP 666 Master’s Independent Study in Epidemiology and Population Health may be taken as an optional course for MPH Epi-concentration students who wish to supplement their learning experience via independent research with a faculty member. Enrollment is limited to three (3) credit hours for an MPH student.

*Availability subject to coordination with Global Health Concentration. Non-epidemiology courses also may be selected pending program and instructor permissions; all courses offered by SPHIS are pre-approved
Concentration in Global Public Health – Maternal and Child Health Emphasis

Academic Plan Code(s): PH_ _MPHGPH, PH_ _MPHGPA

48 total credit hours, made up of the following:

- 15 credit hours of MPH core coursework
- Three (3) credit hours of Practice Experience
- Two (2) credit hours of Integrative Experience
- One (1) credit hour of Interprofessional Experience
- 12 credit hours of targeted MCH emphasis coursework

The Health Policy concentration is not available for completion by accelerated MPH students.

### Course Title Hours

#### Year 1

**Fall**

- PHMS 501 Introduction to Public Health Practice and Administration 3
- PHPB 501 Introduction to Public Health Behavior 3
- PHEP 501 Introduction to Epidemiology 3
- PHST 500 Introduction to Biostatistics for Health Sciences I 3
- Hours 13

**Spring**

- PHEH 500 Introduction to Environmental and Occupational Health Sciences 3
- PHST 501 Introduction to Biostatistics for Health Sciences II 3
- PHMS 530 Comparative Health Systems 3
- PHEP 615 Foundations of Global Maternal and Child Health 3
- PHPH 677 Public Health Practice Experience 1 1
- Hours 12

#### Year 2

**Fall**

- PHST 645 Health Sciences Data Collection Instrumentation 3
- PHEP 624 Methods in Reproductive and Perinatal Epidemiology 3
- PHPB 614 Critical Thinking, Programming Planning, and Implementation 3
- PHPH 678 Public Health Practice Experience 2 1
- PHPH 697 Interprofessional Experience in Public Health 1
- Hours 12

**Spring**

- PHEH 526 Nutrition and Maternal and Child Health 3
- PHEP 625 Child Health & Development 3
- PHPB 620 Emerging Infectious Diseases: Impacts and Control 3
- PHPH 679 Public Health Practicum Experience 3 1
- PHPH 698 Public Health Integrative Learning Experience 1
- Hours 11

#### Minimum Total Hours

- 48

### Concentration in Health Policy

Academic Plan Code(s): PH_ _MPHHPC

48 total hours, made up of the following:

- 15 credit hours of MPH core coursework
- Three (3) credit hours of Practice Experience
- Two (2) credit hours of Integrative Experience
- One (1) credit hour of Interprofessional Experience
- 18 credit hours of concentration coursework
- Nine (9) credit hours of Health Policy elective coursework

#### Course Title Hours

#### Year 1

**Fall**

- PHMS 501 Introduction to Public Health Practice and Administration 3
- PHPB 501 Introduction to Public Health Behavior 3
- PHEP 501 Introduction to Epidemiology 3
- PHST 500 Introduction to Biostatistics for Health Sciences I 3
- Hours 12

**Spring**

- PHEH 500 Introduction to Environmental and Occupational Health Sciences 3
- PHST 501 Introduction to Biostatistics for Health Sciences II 3
- PHMS 610 Health Policy and Analysis 3
- PHPH 677 Public Health Practice Experience 1 1
- One of the following:
  - PHMS 530 Comparative Health Systems 3
  - PHMS 645 Health Services Research Methods I (recommended for students wishing to pursue the PhD in Health Management & Policy) 3
  - Hours 13

#### Year 2

**Fall**

- PHMS 662 Health Economics 3
- PHPH 678 Public Health Practice Experience 2 1
- PHPH 697 Interprofessional Experience in Public Health 1
- One of the following:
  - Health Policy (PHMS) Elective #1 3
  - Health Policy (PHMS) Elective #2 3
  - Hours 11

**Spring**

- PHMS 609 Health Finance and Financial Management 3
- PHPB 611 Community Organization and Assessment 3
- PHPH 679 Public Health Practicum Experience 3 1
- PHPH 698 Public Health Integrative Learning Experience 1
- Health Policy (PHMS) Elective #3 3
- Hours 12

#### Minimum Total Hours

- 48

### Recommended Health Policy Electives*

- PHEH 526 Nutrition and Maternal and Child Health
- PHMS 685 Health Operations & Management Science
- PHMS 635 Health Law and Ethics
- PHMS 615 Introduction to Health Systems
- PHPB 705 Policy to Advance Health Equity
- PADM 605 Public Management
- UPA 650 Urban Policy and Administration
- PHMS 700 Introduction to Health Services Research*
- PHMS 708 Population Health and Health Disparities*
- PHMS 715 Health Policy Research*
- SOC 618 Qualitative Research Methods*
*Students interested in pursuing the PhD in Public Health Sciences, specialization in Health Management and Policy (http://catalog.louisville.edu/graduate/programs-study/phd-in-public-health-sciences-specialization-health-management-policy) should align their health policy electives with PhD courses to save up to 12 credit hours in the doctoral program.

**Concentration in Health Promotion and Behavioral Sciences**

Academic Plan Code(s): PH__MPHHKC, PH__MPHHKA

46 total hours, made up of the following:

- 15 credit hours of MPH core coursework
- Three (3) credit hours of Practice Experience
- Two (2) credit hours of Integrative Experience
- One (1) credit hour of Interprofessional Experience
- 25 credit hours of concentration coursework

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1</td>
<td></td>
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</tr>
<tr>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHMS 501</td>
<td>Introduction to Public Health Practice and Administration</td>
<td>3</td>
</tr>
<tr>
<td>PHPB 501</td>
<td>Introduction to Public Health Behavior</td>
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<tr>
<td>PHEP 501</td>
<td>Introduction to Epidemiology</td>
<td>3</td>
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<tr>
<td>PHST 500</td>
<td>Introduction to Biostatistics for Health Sciences I</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Hours</td>
<td>12</td>
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<tr>
<td>Spring</td>
<td></td>
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<tr>
<td>PHEH 500</td>
<td>Introduction to Environmental and Occupational Health Sciences</td>
<td>3</td>
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<tr>
<td>PHPB 611</td>
<td>Community Organization and Assessment</td>
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<td>PHPH 677</td>
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<tr>
<td>One of the following:</td>
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<tr>
<td>PHST 501</td>
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<tr>
<td>Public Health elective *</td>
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<tr>
<td>Fall</td>
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</tr>
<tr>
<td>PHPB 612</td>
<td>Health Communications Campaigns: Theory and Practice</td>
<td>3</td>
</tr>
<tr>
<td>PHPB 614</td>
<td>Critical Thinking, Programming Planning, and Implementation</td>
<td>3</td>
</tr>
<tr>
<td>PHPB 630</td>
<td>Social Determinants of Health</td>
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<tr>
<td>PHPB 660</td>
<td>Grant Writing for Health &amp; Human Services</td>
<td>1</td>
</tr>
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<td>PHPH 678</td>
<td>Public Health Practice Experience 2</td>
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</tr>
<tr>
<td>PHPH 697</td>
<td>Interprofessional Experience in Public Health</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Hours</td>
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<tr>
<td>Spring</td>
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<tr>
<td>PHPB 604</td>
<td>Health Decision and Risk Analysis</td>
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<tr>
<td>PHPB 615</td>
<td>Advanced Program Evaluation</td>
<td>3</td>
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<tr>
<td>PHPB 635</td>
<td>Health Promotion Policy Development and Advocacy</td>
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<tr>
<td>PHPH 679</td>
<td>Public Health Practicum Experience 3</td>
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</tr>
<tr>
<td>PHPH 698</td>
<td>Public Health Integrative Learning Experience</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Hours</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Minimum Total Hours</td>
<td>46</td>
</tr>
</tbody>
</table>

*Other elective can be any SPHIS course for which the student meets the prerequisites or other another relevant course approved by the student’s academic advisor.