

## DEPARTMENT OF

# HEALTH MANAGEMENT & SYSTEMS SCIENCES

## Master of Public Health (MPH) - Health Policy Concentration

The University of Louisville is a state-supported research university located in Louisville, Kentucky. Louisville provides that small town feel with the big city appeal providing a wide assortment of restaurants, music, art, theater, and sports. Louisville is centrally located to some of the region's largest cities such as Cincinnati, Chicago, and Nashville. In addition, our economy is thriving as indicated by the fact that two health care companies based in Louisville are listed as Fortune 500 companies.

### Who we are

The Department of Health Management and Systems Sciences, part of the School of Public Health and Information Sciences, was created to improve the health of the people of the Commonwealth of Kentucky and beyond by developing innovative health care leaders and partnering with the community. Our primary aims are to develop, disseminate, and apply evidence-based knowledge about health policymaking, systems design, and quality health care delivery.

### Career Opportunities

Health care occupations and industries are expected to have the fastest employment growth and to add the most jobs between 2014 and 2024, the U.S. Bureau of Labor Statistics reported in December 2015. Once students have completed our Master of Public Health (MPH) with a concentration in Health Policy, they are able to seek jobs as research program managers, research assistants, or research support staff within health policy-related organization and the not-for profit sector.

**UNIVERSITY OF  
LOUISVILLE.**

**SCHOOL OF PUBLIC HEALTH  
& INFORMATION SCIENCES**

### Accreditation

The School of Public Health and Information Sciences is accredited by the Council on Education for Public Health.

### Format

The Health Policy concentration is a 46 credit hour program designed to be completed in two years. Health Policy courses are offered on our Health Science Center campus in downtown Louisville. Courses are primarily offered Monday through Thursday after 4 pm to accommodate students who work full-time. The concentration also serves as a gateway degree for students interested in a PhD in Public Health Sciences Specialization in Health Management.

### Admission

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 test, and is interested in pursuing a career in public health or a related field.

### Minimum Requirements

- A bachelor's degree from an accredited institution or its equivalent.
- A recommended minimum GPA of 3.0 on a 4.0 scale.
- Test scores from any of the following: GRE, GMAT, MCAT, LSAT, or DAT. Scores must be no more than 3 years old. The GRE requirement may be waived for applicants who have 4 or more years of public health related experience. Applicants interested in applying for the GRE waiver should contact the department.
- If applicable, Test of English as a Foreign Language (TOEFL) exam with a minimum score of 90; passing the exit examination for the advanced level of the Intensive English as a Second Language Program at the University of Louisville; or a degree from an accredited U.S. institution (this requires provisional admission with evaluation of English language competency).



▶▶▶ [Learn more at louisville.edu/sphis](http://louisville.edu/sphis)

## Tuition

Tuition for a full-time student in the MPH Health Policy concentration is approximately:

- \$11,664 per year for a Kentucky resident or a resident of any of the 7 states that border Kentucky
- \$24,274 per year for a non-resident of Kentucky.

<i>1st Year Health Policy Concentration Coursework</i>		
<i>Semester</i>	<i>Course Title</i>	<i>Credit Hours</i>
Fall I	<i>Introduction to Environmental Health Sciences (core)</i> : This course provides students with the basic concepts and principles of environmental health and occupational health including environmental agents in water, air and soil, such as chemicals, biological, and physical agents and other important factors that may constitute a risk to humans.	2
	<i>Introduction to Public Health Practice and Administration (core)</i> : This course emphasizes the practical application of the principles of health care organizations to public health at the national, state and local levels.	2
	<i>Introduction to Health Behavior (core)</i> : This course reviews theoretical constructs of the causation of health-related behavior, including preventive, early diagnosis, treatment and rehabilitative behavior.	2
	<i>Introduction to Epidemiology (core)</i> : Basic epidemiological methods are presented: terminology; study design; issues of contemporary practice; basic skills for interacting with epidemiologists, reading disease control literature, and drawing on epidemiological concepts.	2
	<i>Introduction to Biostatistics for Public Health I (core)</i> : Introduction to descriptive and inferential statistical methods, including graphics, estimation, confidence intervals, 1- and 2- sample hypothesis testing, one-way analysis of variance and use of statistical software.	3
	<b>Semester Total</b>	<b>11</b>
Spring I	<i>Introduction to Biostatistics for Public Health II (core)</i> : Continued introduction to descriptive and inferential statistical methods including ANOVA regression, chi-square analysis of frequencies, survival analysis, and nonparametric methods.	3
	<i>Health Finance and Financial Management (concentration course #1)</i> : This course is designed to provide an overview of health finance and financial management including context of health finance and the approaches and processes involved in managing the health enterprise.	3
	<i>Health Policy &amp; Analysis (concentration course #2)</i> : This course focuses on the legal basis of and the processes of development, implementation and analysis of health policy as it is carried out in the context of the United States health care system.	3
	<i>Health Services Research Methods I (concentration course #3)</i> : The course will focus on the examination and fitting multiple regression models.	3
	<b>Semester Total</b>	<b>12</b>
Summer I	<i>Public Health Practicum Experience</i> : Required field experience; participation in activities at and for a student-identified public health work-site and written and oral presentations describing the experience.	1
	<b>Semester Total</b>	<b>1</b>
<i>2nd Year Health Policy Concentration Coursework</i>		
<i>Semester</i>	<i>Course Title</i>	<i>Credit Hours</i>
Fall II	<i>Health Economics (concentration #4)</i> : The course uses principles of microeconomic analysis to study health care system: demand for medical services; role of health insurance; productivity/cost measurement; labor markets and competition.	3
	<i>Health Services Research Methods II (concentration #5)</i> : The course will introduce students to the application of econometric techniques to handling empirical problems in health services and policy research with emphasis of identification and causal inference.	3
	<i>Health Policy Elective #1</i> : Choose from courses offered at University of Louisville that will add to your policy skill set. These can be courses in additional research methods, grant writing, management techniques, etc.	3
	<i>Health Policy Elective #2</i> : Choose from courses offered at University of Louisville that will add to your policy skill set. These can be courses in additional research methods, grant writing, management techniques, etc.	3
	<i>Public Health Practicum Experience</i> : Required field experience; participation in activities at and for a student-identified public health work-site and written and oral presentations describing the experience.	1
	<b>Semester Total</b>	<b>13</b>
Spring II	<i>Health Impact Assessment (concentration #6)</i> : This course is designed to provide students with the necessary skills to assess the need for an HIA, develop and conduct an HIA, and evaluate the results for reporting purposes.	3
	<i>Community Organization &amp; Assessment (concentration course #7)</i> : Students in this course apply the knowledge, skills, and methods for conducting community health assessments to identify factors that affect the health of a population and utilizing the assessment process as a tool for community organizing.	3
	<i>Public Health Practicum Experience</i> : Required field experience; participation in activities at and for a student-identified public health work-site and written and oral presentations describing the experience.	1
	<i>Integrating Learning and Experience in Public Health</i> : This course is designed to integrate knowledge acquired in coursework and other learning experiences and to apply this knowledge to situations with various aspects of professional public health practice.	2
	<b>Semester Total</b>	<b>9</b>
<b>Degree Total</b>		<b>46</b>