

DEPARTMENT OF

HEALTH MANAGEMENT & SYSTEMS SCIENCES

Master of Public Health (MPH) - Population Health Management 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 Population Health Management, they are able to enter a variety of management positions within health care wherein they can focus on the delivery, quality and cost of health care for individuals and the population.

Format

The Population Health Management concentration is a 50 credit hour program designed to be completed in two years. Population Health Management courses are offered on our Health Science Center campus in downtown Louisville. Courses are primarily offered Monday through Thursday after 4pm to accommodate students who work full-time.

**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 (CEPH). The MPH Population Health Management concentration is in an initial candidacy period for Commission on Accreditation of Healthcare Management Education (CAHME) accreditation. We use the National Center for Health Care Leadership (NCHL) Leadership Competency Model.

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 health care management 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 Population Health Management 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.

1st Year Population Health Management Concentration Coursework		
Semester	Course Title	Credit Hours
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
	<i>Health Management Leadership Seminar</i> : The course bridges MPH concentration in Population Health Management coursework and the world of practice with a focus on developing career planning and professional skills.	1
	Semester Total	12
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 Policy & Analysis (concentration course #1)</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 Finance and Financial Management (concentration course #2)</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>Quality Assessment and Information Management (concentration course #3)</i> : The purpose of this course is to prepare students to implement quality and information management techniques within their organizational setting.	3
	Semester Total	12
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
	Semester Total	1
2nd Year Population Health Management Concentration Coursework		
Semester	Course Title	Credit Hours
Fall II	<i>Governance and Management of Healthcare Organizations (concentration course #4)</i> : Students will read and discuss literature that seeks to consider organizations and leadership from a complexity perspective.	3
	<i>Introduction to Health Systems (concentration course #5)</i> : Designed to explore and analyze health systems using ecological principals.	3
	<i>Healthcare Strategic Planning & Marketing (concentration course #6)</i> : This course offers an introduction to strategic planning and marketing within the healthcare system.	3
	<i>Health Economics (concentration #7)</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>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
	Semester Total	13
Spring II	<i>Health Law and Ethics (concentration #8)</i> : The course will provide students exposure to law related issues and presents an overview of the legal system and the health law and ethical issues likely to confront managers and providers in health care organizations.	3
	<i>Population Health Management (concentration #9)</i> : This course will provide students with training in the measurement, analysis, method, language, models, and concepts of population health.	3
	<i>Human Resource Management in the Health Sector (concentration #10)</i> : The purpose of this course is to provide the Masters/PhD student in public health and health care fields an overview of Human Resource Management.	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
	Semester Total	12
Degree Total		50