DEPARTMENT OF
HEALTH MANAGEMENT & SYSTEMS SCIENCES
Master of Science in Health Administration (MSHA)

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 a healthcare company based in Louisville is listed as a Fortune 500 company.

Who we are

The Department of Health Management and Systems Sciences (HMSS), part of the School of Public Health and Information Sciences (SPHIS), was created to improve the health of the people of the Commonwealth of Kentucky and beyond by developing innovative healthcare 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 healthcare delivery.

Career Opportunities

According to the most recent report from the U.S. Bureau of Labor Statistics, employment of medical and health services managers is projected to grow 20% from 2016 to 2026, much faster than the average for all occupations.

Once students have completed our Master of Science in Health Administration (MSHA) program, they are able to enter a variety of management positions within healthcare where they can focus on the delivery, quality, and cost of healthcare for individuals and the population.

Format

The Department of HMSS has designed the MSHA program to deepen knowledge of environments, processes, structures, and strategies that are driving healthcare. The curriculum has 3 main components:

(1) Exploration of broad principles and key influencers of leading healthcare organizations

(2) Examination of evidence-based and data-driven frameworks for strategic leadership and effective management of healthcare organizations and issues

(3) Analysis of the external healthcare and policy environments that impact population and community healthcare management

The MSHA program uses UofL's Population Health Leadership (PHL) Competency Model, a modified version of the National Center for Healthcare Leadership (NCHL) competency model. The program is 57 credit hours, designed to be completed in two years.

The MSHA courses are offered on our Health Sciences Center campus in downtown Louisville. Courses are primarily offered Monday–Friday after 4 p.m. to accommodate students who work full-time.

Accreditation

SPHIS is accredited by the Council on Education for Public Health and the Commission on Accreditation of Healthcare Management Education (CAHME). CAHME is the accrediting body for graduate programs in health management in the US.

Admission

The ideal candidate for admission to the MSHA 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 healthcare 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.
- Resume or curriculum vitae.
- One-page personal statement.
- Three letters of recommendation.
- If 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
  * ECFMG (Educational Commission for Foreign Medical Graduates) certification
  * Degree from an accredited U.S. institution (requires provisional admission with evaluation of English language competency)

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Tuition

Tuition for a full-time student in the Master of Science in Health Administration Program is approximately $13,500 per year for a Kentucky resident and $27,500 per year for a non-resident of Kentucky. Get more information about cost at louisville.edu/bursar.

Coursework

Semester	Course Title	Credit Hours
1st Year Master of Science in Health Administration Coursework		
Fall I	*Governance and Management of Healthcare Organizations:* This course seeks to provide the student with an understanding of organizations and leadership from dominant ways of thinking about them to ways informed by a complexity perspective.	3
	Population Health Quantitative Methods: Basic statistical concepts applied to health management problems. Descriptive statistics, index numbers, basic probability, Binomial, normal, Poisson, sampling, statistical inference, distributions, and estimation.	3
	Population Health Information Management: This course introduces key concepts and issues surrounding the adoption and use of information systems within health care organizations.	3
	Health Management Leadership Seminar: 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
	Healthcare Quality Management: The purpose of this course is to prepare students to implement quality management techniques within their organizational setting.	3
	Semester Total	**13**
Spring I	*Project Management for Population Health:* This course provides students the training health they need to improve the quality of care at their organization through projects delivered on time and within budget.	2
	Healthcare Strategic Management: Management of goals, strategy and structure in health care organizations. Design of external relationships and internal structures, strategy formulation, decision-making and change. Integration of professional, social and organizational values.	2
	Health Operations & Management Science: Application of mathematical and statistical techniques to health care management problems. Network planning techniques, linear programming, inventory systems, queuing theory, simulation, and decision analysis.	3
	Health Policy & Analysis: 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
	Health Finance and Financial Management: 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
	MSHA Practicum Experience I: Students develop an understanding and gain knowledge of the complex health care industry and the internal and external factors that influence decision-making in an assigned organization.	1
	Semester Total	**14**
2nd Year Master of Science in Health Administration Coursework		
Fall II	*Managerial Accounting for Healthcare Managers:* Focuses on case studies and modern theory in managerial finance relevant to health organizations. Students prepare group presentations and individual case study analyses of health services finance problems.	3
	Public Health in the United States: This course is designed to introduce new students in academic public health programs (MS and PhD) to the field of Public Health in the United States.	3
	Health Economics: 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
	Healthcare Marketing: Students will investigate the role that marketing plays in the strategic management of health care organizations, and identify and address marketing opportunities and problems using a variety of tools and strategies.	2
	Introduction to Health Systems: This course will provide an introduction to the health sector as it currently operates in the US.	3
	MSHA Practicum Experience II: Students develop an understanding and gain knowledge of the complex health care industry and the internal and external factors that influence decision-making in an assigned organization.	1
	Semester Total	**15**
Spring II	*Insurance & Alternative Payment Models:* Presents the principles and practices of health insurance and risk. Emphasizes health care financing arrangements in the United States, including both private and government-sponsored (public) programs.	2
	Health Law and Ethics: 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 healthcare organizations.	3
	Human Resource Management: The purpose of this course is to provide the Masters/PhD student in public health and healthcare fields an overview of Human Resource Management.	3
	Population Health Management: This course will provide students with training in the measurement, analysis, method, language, models, and concepts of population health.	3
	MSHA Capstone Course: The primary objective of the course is to assist students in the transition from theory to practice and from learner to user of management knowledge and skills. The course will emphasize the integration and application of management theory in 'real world' context.	3
	MSHA Practicum Experience III: Students develop an understanding and gain knowledge of the complex health care industry and the internal and external factors that influence decision-making in an assigned organization.	1
	Semester Total	**15**
Degree Total		**57**