

PUBLIC HEALTH, MANAGEMENT SYSTEMS SCIENCES (PHMS)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<http://louisville.edu/bursar/tuitionfee>).

PHMS 501. Introduction to Public Health Practice and Administration 3 Units

Term Typically Offered: Fall Only

Prerequisite(s): Enrolled in the School of Public Health and Information Sciences.

Description: This course emphasizes the practical application of the principles of health care organizations to public health at the national, state and local levels.

Note: Taught only at the graduate level.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PHMS 530. Comparative Health Systems 3 Units

Term Typically Offered: Spring Only

Description: This course examines health delivery and public health systems from a global perspective. The course focuses on teaching students to describe elements of these systems, the environment in which the systems exist, and the internal and external forces through which systems change. Although the structure of different health systems vary, most also have substantial similarities especially in the areas of improving access and quality, while minimizing costs. The course focuses on health systems, using examples of health systems in different countries to demonstrate system similarities and differences. The course will provide a framework for analyzing different models of organizing health care and public health in settings around the world. The course will engage students in examining health systems outside the United States, focusing specifically on how a country's history, geography, government, and economy influence the delivery of health services. Students will apply these skills in a semester-long group project involving the analysis of a selected country's health system, its performance factors affecting performance and structure, and opportunities for reform.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PHMS 603. Legal and Bioethical Aspects of Public Health 3 Units

Prerequisite(s): Enrollment in the School of Public Health and Information Sciences.

Description: This introductory course will focus on the legal and bioethical principles and constraints that are applicable to public health services and public health professionals.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PHMS 605. Governance and Management of Healthcare Organizations 3 Units

Term Typically Offered: Fall Only

Description: 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. Course participants will read about and discuss a broad range of perspectives about what constitutes an organization and leadership of it. Particular attention will be given to the organizational experiences of the student and the class.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PHMS 609. Health Finance and Financial Management 3 Units

Prerequisite(s): Enrollment in the School of Public Health and Information Sciences.

Description: 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.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PHMS 610. Health Policy and Analysis 3 Units

Term Typically Offered: Spring Only

Description: This course is designed to introduce students to health policy, mechanisms through which policy is made at the state and federal level, and strategies for health policy analysis.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PHMS 612. Quality Assessment and Information Management 3 Units

Term Typically Offered: Spring Only

Description: This course is designed to introduce students to key concepts and issues surrounding the adoption and use of information systems and the use of quality assessment processes within health care organizations.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PHMS 615. Introduction to Health Systems 3 Units

Term Typically Offered: Fall Only

Description: This course will provide an introduction to the health sector as it currently operates in the US. A systems-theory based approach, informed by complexity theory, will be used to present health systems as complex adaptive networks. Through a review of the history of the health sector the student will learn how the industry has evolved (adapted) to where it is today, and where it may be going in the future.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PHMS 620. Healthcare Strategic Management 2 Units

Term Typically Offered: Spring Only

Prerequisite(s): Enrollment in the MPH concentration in Population Health Management or the MS in Health Administration in the School of Public Health and Information Sciences.

Description: This course offers an introduction to strategic management within contemporary healthcare organizations and markets. Lectures and assignments will focus on various topics including organizational strategy formulation, implementation, and evaluation.

Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PHMS 625. Population Health Management 3 Units

Description: This course will provide an introduction to managing the health of populations. Population health can be defined by geography and demographics. Examples of defined populations include: the population within the catchment area of a hospital, the members of a health maintenance organization, the persons served by an accountable care organization, and the population employed in a workplace. Improving the health of populations has always been a high priority for public health professionals but has been less of a priority for managers of health care organizations, with their focus on the acute-care needs of individual patients.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PHMS 630. Human Resource Management in the Public Health Sector 3 Units

Prerequisite(s): Enrollment in the School of Public Health and Information Sciences.

Description: The purpose of this course is to provide the master's degree/PhD student in public health and health care fields an overview of Human Resources Management. This will include looking at the framework of human resources management in various settings; planning and developing a competent workforce in various settings; and practice in techniques for training, mentoring and evaluating employees as well as a range of disciplinary actions.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PHMS 635. Health Law and Ethics 3 Units

Prerequisite(s): Enrollment in the Master of Science in Health Administration or MPH concentration in Health Policy program.

Description: This course provides an overview of major contemporary legal and ethical issues related to administrative decision making in health care and population health.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PHMS 636. Leadership in Health Information Management 3 Units

Term Typically Offered: Spring Only

Prerequisite(s): Enrolled in MS in Health Data Analytics program.

Description: The course introduces core concepts and key issues related to healthcare provision, management and leadership, and provides a foundation of health information management for effective leadership roles in health data analytics. Students will learn how to plan, develop, and implement the governance requirements and selection process of health data analytics projects then apply these competencies into real-world problems.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PHMS 637. MSHDA Capstone Course 3 Units

Term Typically Offered: Spring Only

Prerequisite(s): Enrollment in the Master of Science in Health Data Analytics program.

Description: This course is an integrative learning experience drawing on all companies presented in the MSHDA program. It requires the students to work independently as a member of a team to complete a comprehensive and relevant health data analytics for a healthcare-related organization and to successfully pass a competency examination.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PHMS 638. Data Security & Electronic Health Records 3 Units

Term Typically Offered: Fall Only

Prerequisite(s): Enrolled in MS in Health Data Analytics program.

Description: The course will focus on the framework, the real-world use, and the critical data security issues in deployment of Electronic Health Records, (EHRs) to improve the quality of health care delivery. Students will learn functionality of EHRs through hands-on labs, technical infrastructures require for EHRs (e.g., architecture, network, security design), understand how EHRs change health care delivery workflows, best practice for deploying EHRs (e.g., project management, typical budgets, system selection, HIPAA governmental requirements, funding), and data security-related issues critical to EHRs implementation.

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PHMS 639. Health Data Analytics Practicum 1-3 Units

Term Typically Offered: Fall, Spring, Summer

Prerequisite(s): Enrolled in MS in Health Data Analytics program.

Description: The practicum experience is designed to bridge the gap between academia and health data analytics practice by providing field experience at a health data analytics-related worksite. Each MSHDA student identifies a practice site, develops a learning agreement in consultation with the practice site mentor and faculty mentor, works at the site to address the components of the learning agreement and to gain experience within the organization, prepares a written characterization of the practice site, and prepares written and oral reports describing the practicum experience.

Course Attribute(s): CBL - This course includes Community-Based Learning (CBL). Students will engage in a community experience or project with an external partner in order to enhance understanding and application of academic content.

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- PHMS 641. Data Mining I** **3 Units**
Prerequisite(s): Enrollment in the School of Public Health and Information Sciences.
Description: The course is first in a two semester sequence graduate level introduction to data mining/big data analytics. It focuses on practical implementation and interpretation of the most commonly used techniques in analysis of very large datasets.
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHMS 642. Data Mining II** **3 Units**
Prerequisite(s): PHMS 641.
Description: This is the second of a two semester graduate level course on data mining/big data analytics. It focuses on practical implementation and interpretation of the most commonly used techniques in analysis of very large datasets.
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHMS 643. Data Management in Health Service Research** **3 Units**
Term Typically Offered: Fall, Spring, Summer
Prerequisite(s): Enrollment in the School of Public Health and Information Sciences.
Description: Course allows students to pursue study with faculty guidance on data management in health service research.
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHMS 644. Biomedical Foundations for Health Analytics** **3 Units**
Term Typically Offered: Fall Only
Prerequisite(s): Enrolled in MS in Health Data Analytics program.
Description: This course will offer an integrative molecular and biological perspective on public health problems and health data analytics. Students will explore population biology and ecological principles underlying public health and reviews molecular biology in relation to public health biology. Lectures focus on specific diseases of viral, bacterial, and environmental origin. Instructors will use specific examples of each type to develop the general principles that govern interactions among susceptible organisms and etiologic agents and devotes special attention to factors that act in reproduction and development. The course will focus on common elements including origin and dissemination of drug resistance, organization and transmission of virulence determinants, modulation of immune responses, disruption of signal transduction pathways, and perturbation of gene expression. Also considers the role of the genetic constitution of the host.
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHMS 645. Health Services Research Methods I** **3 Units**
Prerequisite(s): PHST 501.
Description: The course is designed to introduce students to quantitative techniques and considerations appropriate for observational studies in Health Services Research.
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHMS 646. Health Services Research Methods II** **3 Units**
Term Typically Offered: Fall Only
Prerequisite(s): PHMS 645 and PHST 501.
Description: This course is designed to prepare students to answer and critically examine questions regarding casual inference in Health Services and Health Policy Research as well as other research settings using observational data.
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHMS 650. Advanced Topics in Health Management and Systems Science** **3 Units**
Prerequisite(s): Enrollment in the School of Public Health and Information Sciences.
Description: This course will usually focus on one topic in advanced health management and systems sciences, not usually covered in a regularly offered course (or if offered in a regularly offered course, not covered in-depth).
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHMS 655. Systems Thinking and Dynamic Modeling in Public Health** **3 Units**
Description: The course will give students basic skills for applying the tools of system dynamics for a broad range of public health problems that involve biological, environmental, social and behavioral factors.
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHMS 662. Health Economics** **3 Units**
Description: The course uses principles of microeconomic analysis to study health care systems: demand for medical services; role of health insurance; productivity/cost measurement; labor markets and competition.
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHMS 680. Health Management Leadership Seminar** **1 Unit**
Prerequisite(s): Enrollment in the School of Public Health and Information Sciences.
Description: 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.
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)
- PHMS 681. Population Health Quantitative Methods** **3 Units**
Term Typically Offered: Fall Only
Prerequisite(s): Enrolled in the MS in Health Administration program in the School of Public Health and Information Sciences.
Description: The goal of the course is to build quantitative analysis foundations for students in health management emphasizing decision-making using health data. The course provides an overview of basic quantitative analysis techniques, and discusses a variety of quantitative analysis tools.
For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PHMS 682. Population Health Information Management 3 Units Term Typically Offered: Fall Only Description: This course is designed to introduce students to key concepts and issues surrounding the adoption and use of information systems for population health management. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)		PHMS 687. Managerial Accounting for Healthcare Managers 3 Units Term Typically Offered: Fall Only Prerequisite(s): PHMS 609. Description: This course provides an overview of the principles and processes of managerial accounting and organizational finance within the healthcare marketplace. Lectures, assignments, and case studies will focus on various topics including financial statement analysis, costing, pricing, planning, budgeting, and financial risk analysis. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)
PHMS 683. Healthcare Quality Management 3 Units Term Typically Offered: Fall, Summer Description: This course is designed to introduce students to key concepts and issues surrounding the adoption and use of information systems and the use of quality assessment processes within health care organizations. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)		PHMS 688. Healthcare Marketing 2 Units Term Typically Offered: Fall Only Prerequisite(s): PHMS 620. Description: This course offers an introduction to marketing and marketing strategy within the healthcare system. Lectures and assignments will focus on various topics including strategy formulation, environmental analysis, and market assessment. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)
PHMS 684. Project Management for Population Health 2 Units Term Typically Offered: Fall Only Description: This course is designed to introduce students to key concepts and methodologies involved in managing projects and the use of specific project management tools and processes within health care organizations. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)		PHMS 689. Insurance & Alternative Payment Models 2 Units Term Typically Offered: Spring, Summer Description: This course is designed to provide students an analysis of the U.S. health insurance and payment system. Specific topics include health plan types and characteristics, population health alternative financing models, premium setting, and reimbursement of health providers. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)
PHMS 685. Health Operations & Management Science 3 Units Term Typically Offered: Spring Only Description: This course introduces and reviews the field of operations management as applied to healthcare organizations. It demonstrates the important relationship between operations research and the management science of complex healthcare delivery organizations. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)		PHMS 690. MSHA Capstone Course 3 Units Term Typically Offered: Spring Only Description: This course is an integrative learning experience drawing on all competencies presented in the MSHA program. It requires the students to work independently as a member of a team to complete a comprehensive and relevant business plan for a healthcare-related organization and to successfully pass an oral examination. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)
PHMS 686. MSHA Practicum 1-3 Units Term Typically Offered: Fall, Spring, Summer Prerequisite(s): Enrollment in the Masters of Science in Health Administration program. Description: The MSHA practicum documents students' mid-program administrative experience in a healthcare setting. The practice experience occurs in a carefully selected healthcare organization approved by the MSHA Director. In almost all instances, the MSHA Director supervises the Internship in tandem with a qualified preceptor at the practicum site. Our goal is that the preceptor serves as a mentor for the student. Note: May be repeated up to 3 times for a maximum of 3 hours. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)		PHMS 700. Introduction to Health Services Research 3 Units Description: This course is designed to introduce students to research that addresses the inherent tradeoffs among cost, quality, and access to care as it pertains to the effectiveness, efficiency, and equity of public health and personal health services. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)
		PHMS 703. Evolutionary Forces in Public Health 3 Units Prerequisite(s): Enrollment in the School of Public Health and Information Sciences PhD in Health Sciences program. Description: This seminar is designed to orient first-semester PhD students to the field of Public Health. It will touch on a broad range of topics that encompass the knowledge base and skill set that students need for a comprehensive understanding of issues facing the Public Health field today. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

<p>PHMS 704. Health Impact Assessment 3 Units Prerequisite(s): Enrollment in the School of Public Health and Information Sciences. Description: 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. Additionally, this course will explore how policy is affected and how politics play a part in determining the need and strategies involved in the conduct of an HIA. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	<p>PHMS 740. Microeconomic Theory 3 Units Term Typically Offered: Spring Only Description: This course is designed to introduce HMSS policy research doctoral students to the core principles of microeconomic theory, specifically as it relates to health policy-making and health care delivery. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>
<p>PHMS 708. Population Health and Health Disparities 3 Units Prerequisite(s): Enrollment in the School of Public Health and Information Sciences PhD in Health Sciences program. Description: This course examines the social determinants of health within the context of population health, including conceptual models and policy approaches that are designed to lessen the negative impact of health disparities that are attributed to these factors, and to improve the health-related quality of life (HRQL) assessments among community residents and their families, peers and social groups. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	<p>PHMS 751. Seminar I in Public Health Management 1 Unit Prerequisite(s): Enrollment in the School of Public Health and Information Sciences PhD in Public Health Sciences program with specialization in Health Management and Policy. Description: Doctoral students engage faculty to discuss and review significant literature related to major influential factors impacting the context of doctoral careers in public health management and to develop a final paper on a topic related to specific aspects of the profession, research, and the creation of new knowledge within public health management. Students will also develop effective oral presentations of these topics. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>
<p>PHMS 710. Advanced Health Policy and Analysis 3 Units Term Typically Offered: Spring Only Description: This course is designed to introduce students to health policy, mechanisms through which policy is made at the state and federal level, and strategies for health policy analysis. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	<p>PHMS 752. Seminar II in Public Health Management 1 Unit Prerequisite(s): Enrollment in the School of Public Health and Information Sciences PhD in Public Health Sciences program with specialization in Health Management and Policy. Description: Doctoral students engage faculty to discuss and review significant literature related to major influential factors impacting the context of doctoral careers in public health management and to develop a final paper on a topic related to specific aspects of the profession, research, and the creation of new knowledge within public health management. Students will also develop effective oral presentations of these topics. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>
<p>PHMS 715. Health Policy Research 3 Units Description: This course is designed to introduce students to research that aims to inform public policy and health organizations decisions related to the effectiveness, efficiency, and equity of public health, population health, and personal health services. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	<p>PHMS 753. Seminar III in Public Health Management 1 Unit Prerequisite(s): Enrollment in the School of Public Health and Information Sciences PhD in Public Health Sciences program with specialization in Health Management and Policy. Description: Doctoral students engage faculty to discuss and review significant literature related to major influential factors impacting the context of doctoral careers in public health management and to develop a final paper on a topic related to specific aspects of the profession, research, and the creation of new knowledge within public health management. Students will also develop effective oral presentations of these topics. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>
<p>PHMS 720. Organizational Theory in Health Services Research 3 Units Term Typically Offered: Spring Only Description: The purpose of this course is to provide the health management doctoral student with a rigorous set of theoretical tools that they can use to examine and investigate how health organizations function. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	<p>PHMS 755. Independent Study in Health Management and System Sciences 1-3 Units Prerequisite(s): Graduate standing in the School of Public Health and Information Sciences. Description: Course allows students to pursue advanced study with faculty guidance on a topic related to health management and system sciences. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>
<p>PHMS 725. Economic Evaluation in Health Care 3 Units Term Typically Offered: Fall Only Description: Principles, models and practical methods for the economic evaluation of health care services with an emphasis on medical devices. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)</p>	

PHMS 761. Public Health and the Built Environment 3 Units

Prerequisite(s): Graduate standing in the School of Public Health and Information Sciences or PhD student in Urban and Public Affairs.

Description: This seminar examines the relationship between the built environment and public health, covering a broad range of topics for students to gain a thorough understanding of the relationship.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

PHMS 777. Dissertation Research in Health Management and Systems Sciences 3 Units

Term Typically Offered: Occasionally Offered

Prerequisite(s): Enrollment in The School of Public Health and Information Sciences PhD in Public Health Sciences program with a specialization in Health Management and Policy.

Description: This course is designed as a capstone for PhD students in the Public Health Sciences program with a specialization in Health Management and will touch on a broad range of core areas that comprise the Health Management PhD curriculum. The course, as well as being used for preparation for the qualifying exam, will focus on introducing students to dissertation research planning.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)