

## MHA Course Descriptions

Course Number	Course Title	Credits
<b>HPM 2012</b>	<b>Financial Management Foundations for Healthcare &amp; Public Health</b>	<b>3</b>
	Introduction to selected finance and accounting topics of health care professional, supervisor and department head. No previous knowledge of accounting or financial management required. First half emphasis on basic financial accounting concepts to provide organization-level understanding language, concepts, processes and functions of financial management. Second half emphasizes managerial accounting principles and techniques including cost accounting and budgeting. Focus shifts to departmental level financial management and role of supervisor process including budget development and control.	
<b>HPM 2020</b>	<b>HPM Professional Development Seminar</b>	<b>1</b>
	The Professional Development Seminar is designed to optimally prepare students to enter the health industry workforce. The primary goal of the Professional Development Seminar is to help ensure that all students fully leverage the career services provided by the university, are exposed to the broad array of settings and roles within the health industry, and gain exposure to health industry professionals from our key external stakeholder organizations.	
<b>HPM 2028</b>	<b>Microeconomics Applied to Health</b>	<b>3</b>
	This course is an introduction to microeconomics, the study of resource allocation with particular emphasis on the role of markets. The course focuses on the competitive model. Examples of the use of economic concepts are drawn primarily from the health and medical care delivery systems.	
<b>HPM 2029</b>	<b>Health Management Information Systems</b>	<b>2</b>
	The purpose of this course is to provide future health care managers and policy-makers a conceptual framework for understanding and managing an integrated health management information system (HMIS). Primary attention will be given to the overall architecture of HMIS and issues related to health information management. The course focuses on the health care manager's role in the design, implementation and control of an effective HMIS. Instructional methods include lectures by regular faculty and guest resources, class discussion, case analyses and an applied field site study.	
<b>HPM 2105</b>	<b>Intro to US Healthcare Delivery Systems 1</b>	<b>1</b>
	Introduction to the US Healthcare Delivery System 1 is a required course for first year HPM MHA and MPH students. This course is the first of a two part sequence that will: provide an historic and current overview of basic elements of the US healthcare delivery system, review HPM practical experiences in the context of professional and leadership competencies, and include current perspectives provided by selected guest healthcare executives.	
<b>HPM 2108</b>	<b>Leadership</b>	<b>1</b>
	This is a required course for MPH and MHA students related to the fundamentals of three areas: leadership, which focuses on teamwork, managing and leading people, and communication best practices. The second, professionalism, focuses primarily on principles of etiquette, professional dress, communication best practices and setting oneself apart in the professional setting. Finally, career development principles are covered and this touches on career paths, decision making for career success, and optimizing various work and professional organization experiences for professional growth. The course is primarily interactive in lectures and also requires the students to keep a journal for self-reflection on the topics. A dinner etiquette consultant joins the class as well as an executive from the field to give their perspectives on the three main principles. Accountability, communication, leadership, self-development, and professionalism are the competencies covered in the course.	
<b>HPM 2207</b>	<b>Quality Assessment &amp; Managing Patient Safety</b>	<b>3</b>
	Examines the definition of quality in healthcare from the perspectives of providers, health plans and consumers. Healthcare standards of JCAHO, NCQA, and HEDIS are reviewed. The role of clinical pathways, outcome measures, technology and the internet are explored as they impact the quality of healthcare.	
<b>PUBHLT 2022</b>	<b>The Dean's Public Health Grand Rounds</b>	<b>0</b>
	The purpose of this course is to socialize our students to the broader profession of public health through engaging them in substantive programs on a wide range of topics that reflect the breadth of public health. This course will enable them to interact with researchers and practitioners from other settings and universities around the world. The course will help to build their capacity to work in interdisciplinary teams to address challenging and complex public health problems. This course requires that all GSPH students (with the exceptions noted below) participate in GSPH sponsored lectures, symposiums, and other events, outside of the classroom, during the first fall and spring terms for which they are enrolled and in residence in Pittsburgh. Two terms are required for graduation. Joint degree students, certificate only students and non-degree students are exempt from this requirement.	
<b>Total Credits</b>		<b>14</b>

Fall Year 1

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	Course Number	Course Title	Credits
Spring Year 1	<b>BIOST 2011</b>	<b>Principles of Statistical Reasoning</b>	<b>3</b>
		Acquaints students with the concepts of statistical reasoning as applied to the study of public health problems. Students learn the general principles of statistical analysis and acquire the ability to utilize a statistical software package (Minitab) as a tool to facilitate the processing, editing, storing, displaying, analysis and interpretation of health research related data.	
	<b>HPM 2014</b>	<b>Applications &amp; Issues in Financial Management of Health Care Organizations</b>	<b>3</b>
		This curriculum is designed to expand on the concepts presented in the financial management foundations for health care and public health course (HPM 2012). The focus of the instruction will be less book-learning and, instead, primarily be comprised of real-life, practical situations faced in today's healthcare industry. Teachings will be a mix of guest speakers from the local area's leaders and the instructor's experiences. The first part of the semester will revolve around understanding what's behind the data contained in an organization's financial statements. The course will also cover alternative revenue opportunities, such as philanthropic initiatives and investment earnings. Once these concepts have been presented, the instruction will change its focus to managing within a healthcare organization concentrating on budgeting, determining how/what programs to invest in or implement, and balance sheet management.	
	<b>HPM 2021</b>	<b>HPM Professional Development Seminar</b>	<b>1</b>
		The Professional Development Seminar is designed to optimally prepare students to enter the health industry workforce. The primary goal of the Professional Development Seminar is to help ensure that all students fully leverage the career services provided by the university, are exposed to the broad array of settings and roles within the health industry, and gain exposure to health industry professionals from our key external stakeholder organizations.	
	<b>HPM 2049</b>	<b>Human Resource Management for Healthcare and Public Health Professionals</b>	<b>2</b>
		This course encompasses both personnel administration and labor relations concepts, processes and issues presented within a broad human resource management perspective. The emphasis of the course is on behavioral implications of legal-regulatory, economic, cultural, and technical forces affecting the management of people in health care organizations viewed as an open system. Perspectives of organization theory and behavior, personnel and labor law will be applied to the analysis of human resource/labor relations problems and effective management and supervisory practice.	
	<b>HPM 2106</b>	<b>Intro to US Healthcare Delivery Systems 2</b>	<b>1</b>
		This is a required spring course for the first year MHA that covers additional elements of us healthcare system. Review in great depth of the management residency process, expectations and opportunities continues in this course.	
	<b>HPM 2141</b>	<b>Managerial Epidemiology</b>	<b>3</b>
		Epidemiology is concerned with the measurement of the health of populations and understanding the determinants of that health. It is one of the fundamental disciplines of public health, and provides the basis for much of what we know about health and disease. As a required MHA course managerial epidemiology takes a broad view of the definition of, population, and will include the study of multiple populations of interest, such as the population: cared for in the service area of a hospital, covered by a particular insurance carrier, and larger populations such as a state, nation and the world. The course provides students with the knowledge and skills required to analyze, understand and interpret the data produced by health care organizations and identify the managerial implications of the data by summarizing data appropriately, understand the characteristics of mechanisms (methodologies) that created the data, and know when data observed is a common/expected or rare occurrence.	
<b>HPM 2216</b>	<b>Health Insurance: Financing Health Care</b>	<b>3</b>	
	Course examines the concerns and practices of private health insurance; the relationships and activities established by the insurance contracts among the insurer, insured, and providers; the insuring process of marketing, underwriting and pricing; the interrelationships of private and public insurance programs; and the varied government activities related to insurance. The objective of this course is to increase understanding of the access, funding, and insuring issues surrounding health care and to explore the alternate strategies being pursued in response to environment.		
<b>PUBHLT 2022</b>	<b>The Dean's Public Health Grand Rounds</b>	<b>0</b>	
	The purpose of this course is to socialize our students to the broader profession of public health through engaging them in substantive programs on a wide range of topics that reflect the breadth of public health. This course will enable them to interact with researchers and practitioners from other settings and universities around the world. The course will help to build their capacity to work in interdisciplinary teams to address challenging and complex public health problems. This course requires that all GSPH students (with the exceptions noted below) participate in GSPH sponsored lectures, symposiums, and other events, outside of the classroom, during the first fall and spring terms for which they are enrolled and in residence in Pittsburgh. Two terms are required for graduation. Joint degree students, certificate only students and non-degree students are exempt from this requirement.		
		<b>Total Credits</b>	<b>16</b>

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	Course Number	Course Title	Credits
Fall Year 2	<b>HPM 2017</b>	<b>Quantitative Methods in Health Care</b>	<b>3</b>
		This course gives an introduction to decision technologies and to the art of successfully using them in practice. Part i: focus on methodologies for optimizing and for predicting the consequences of decisions. Health care applications are considered: resource allocation, scheduling, project management. Part ii: focus on operations management issues in health care. Topics include: forecasting, inventory management and quality control.	
	<b>HPM 2115</b>	<b>Management Residency (Report &amp; Presentation)</b>	<b>1</b>
		The course is designed to provide the student with an educational experience in the student's field of interest. It is a field experience performed under the supervision of a preceptor (i.e., A respected professional manager in the health field). Potential sites include a broad range of organizations such as hospitals, multi-unit systems, HMO's, consulting firms, insurance organizations, health policy and planning agencies, and health divisions of corporations.	
	<b>HPM 2130</b>	<b>Health Law and Ethics</b>	<b>2</b>
		The purpose of this course is to introduce students to the legal and ethical issues which impact the administration and delivery of health services. This course is designed to provide students with the practical knowledge needed to identify legal issues inherent in health care and public health administration and to understand the legal ramifications of administrative and management decisions. Through lecture and class discussion four main subject areas are presented: an introduction to the legal system, legal issues in managing health care organizations, regulating quality of care and public health legal authority. Specific course topics include: sources of law, the court system and legal procedures, professional and institutional liability, governmental regulatory methods, antitrust law, corporate compliance programs, emergency care, and issues concerning informed consent, credentialing of medical professionals, confidentiality of health information, and termination of care, family planning, and public health law.	
	<b>HPM 2145</b>	<b>Marketing Health Care &amp; Business Planning</b>	<b>3</b>
		Analysis of concepts vital to the creation of superior competitive marketing planning strategies for health services providers. Emphasis, using principles of epidemiology, on effective measurement of need in service area.	
<b>HPM 2220</b>	<b>Cost Effectiveness Analysis</b>	<b>1</b>	
	Provides an introduction to and develops technical skills in the economic evaluation of health care programs. A brief introduction to the economic foundation of cost effectiveness and cost benefit analysis is followed by an examination of the methodologies involved in performing cost effectiveness analyses. Topics include: definitions of cost and benefits, effect of the perspective of the analysis, calculation of cost-effectiveness ratios, performance of sensitivity analysis, discounting of costs and benefits, and discussions of current controversies in conduct of cost-effectiveness analysis.		
		<b>Total Credits</b>	<b>10</b>

## MHA Course Descriptions

	Course Number	Course Title	Credits
Spring Year 2	<b>HPM 2010</b>	<b>Organization Studies: Theory/Applications in Healthcare</b>	<b>3</b>
		Focus on the understanding and application of fundamental concepts, principles and models associated with organization theory within healthcare, rehabilitation, and long-term care. Content will encompass the traditional foci of organization theory, e.g. Structure and functions, authority relationships, coordination and control processes, as well as constructs associated with related disciplines of organization behavior e.g motivation theory, leadership, etc. Emphasis on real-world applications. Organization design discussed in contemporary organization structures and processes.	
	<b>HPM 2037 - B</b>	<b>Master's Essay (Oral Presentation and Submission)</b>	<b>1</b>
		The essay is designed to provide the student with an opportunity to integrate the major components of the health administration learning experience. The student is expected to demonstrate analytical ability and technical proficiency in expository writing.	
	<b>HPM 2150</b>	<b>Strategic Management of Health Services Organizations &amp; Health Policy</b>	<b>3</b>
		This "capstone" course for the program stresses the application and integration of knowledge and techniques learned in the context of specific functions and disciplines focuses on identifying strategic issues in complex environments, and formulating realistic responses. The emphasis throughout is on understanding how to improve the major patterns of resource allocation within the organization in order to create lasting value.	
	<b>PUBHLT 2011</b>	<b>Essentials of Public Health</b>	<b>3</b>
	The course provides GSPH students enrolled in MS degree programs with an introduction and overview of the scope and history of public health, as well as core concepts in public health not covered in the core epidemiology and biostatistics courses.		
		<b>Total Credits</b>	<b>10</b>