



Master of Health Administration (MHA)

Course Descriptions

Community Health Certificate

Course	Description	Credits
MSCM 5005 Chronic and Infectious Diseases in Community Health	<p>This course provides an integrated examination of chronic and infectious diseases within community health systems. Students analyze epidemiologic principles, disease classification, surveillance systems, screening programs, prevention strategies, social determinants of health, and policy frameworks that influence disease burden.</p> <p>Rather than studying communicable and non-communicable diseases separately, the course applies shared population health frameworks to examine risk structures, transmission and progression patterns, prevention models, and system-level responses. Emphasis is placed on health equity, community engagement, resource allocation, and administrative decision-making relevant to healthcare leaders.</p> <p>Students apply epidemiologic and systems-based approaches to evaluate disease management strategies and develop comprehensive community health improvement plans.</p>	3.0
MSCM 5302 Community Health Challenges	<p>This course is the second in the Community Health Interventions sequence. In this course, students focus on three serious community health problems that introduce different challenges to effective community organization and intervention in community health. Students analyze the effects of adverse childhood events, substance abuse, and childhood asthma on community health.</p>	3.0

Health Systems Certificate

Course	Description	Credits
MSCM 5105 Health Systems Sciences	<p>In the Health Systems Sciences course, students will learn to identify and define opportunities for improving healthcare delivery processes. They will engage in active learning, such as case studies, focused discussions, problem-solving, and role-playing exercises, to analyze how health professionals provide solutions and find areas for improvement. Students will then choose and analyze improvement opportunities using various tools to enhance the patient experience, reduce per capita healthcare costs, and improve community health. They are expected to come up with at least two potential opportunities, convert them into project ideas,</p>	3.0



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	<p>present their analysis, and communicate a plan for achieving organizational change.</p> <p>In the second half of the course, students will acquire the specific skills and knowledge needed to successfully implement a process improvement project in a healthcare setting. The course will cover elements of the Lean design approach and the Waterfall and Agile project management methods. Essential to the success of their project will be understanding and utilizing negotiation techniques for dealing with cross-cultural and intergenerational audiences, as well as working in virtual settings. Upon completion of this course, students will be able to explain the challenges associated with improving healthcare delivery and outcomes and propose practical ways to address these challenges.</p>	
HSCI 5020 Healthcare Policy	<p>This course provides an in-depth examination of the formulation, implementation, and impact of healthcare policy in the United States and globally. Students will analyze the social, economic, political, and ethical factors that shape health policy decisions and influence clinical practice. Topics include healthcare financing, access and equity, regulatory frameworks, public health policy, and the role of healthcare professionals in advocacy and reform. Emphasis is placed on developing the skills necessary to critically evaluate policy proposals, interpret legislation, and contribute to policy discussions that advance quality, equity, and sustainability in healthcare systems.</p>	3.0

Health Economics Certificate

Course	Description	Credits
BUS 5200 Healthcare Economics	<p>This course provides an introduction to the U.S. healthcare system and explains how economic principles affect decision-making in the healthcare system. While all industries are subject to economic constraints, the production and consumption of healthcare products and services have different characteristics and incentives from other industries. Topics covered in this course include: supply and demand in healthcare, principles of health insurance, various health insurance contracts, cost-benefit analysis, healthcare reform efforts, and financing and reimbursement for pharmaceutical products.</p>	1.5
BUS 6220 Drug Pricing & Reimbursement	<p>This course will provide an overview of the elements of pharmaceutical pricing and reimbursement. Students will</p>	1.5

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	gain an understanding of basic pharmaceutical pricing principles and the unique constraints of private and public reimbursements. The course will focus on the role of value in pharmaceutical pricing, the role of price and reimbursement in medical decision making, and the implications for payers, physicians, and patients.	
BUS 6210 Advanced Healthcare Economics	This course will provide deeper understanding of economic principles to analyze healthcare market. While all industries are subject to economic constraints, the production and consumption of healthcare products and services have different characteristics and incentives from other industries. Topics covered in this course include: cost curves to produce healthcare, physician and hospital markets, PPACA and changes in healthcare delivery, market failure and the role of government, and international healthcare systems.	1.5
REG 5000 Introduction to US Food and Drug Law	A key component of any successful therapeutic product development program is ensuring the right regulatory strategy. This course will provide students with broad general competencies in regulatory affairs for FDA-regulated product classes (drugs, biologics and devices) throughout the product lifecycle (pre-clinical development, clinical development and postmarketing). Students will gain a basic understanding of how the FDA regulates the approval of various products and how this has changed over time, as well as the necessary inputs and strategies companies must be aware of when applying for regulatory approvals in the USA. Students will also gain an understanding of the complexity that surrounds the regulatory environment and have a basic knowledge of the regulatory language and common acronyms.	1.5

Leadership Certificate

Course	Description	Credits
HSCI 5010 Healthcare Management	This course explores the principles, structures, and strategies of effective healthcare management within complex clinical and organizational systems. Students will examine leadership theories, financial management, quality improvement, and strategic decision-making as they apply to modern healthcare delivery. Emphasis is placed on systems thinking, interprofessional collaboration, and evidence-based approaches to optimizing operational performance and patient outcomes. Through case studies	3.0

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	and applied projects, students will develop the managerial and leadership competencies necessary to lead teams, manage resources, and influence policy within dynamic healthcare environments.	
BUS 6400 Organizational Behavior	Organizations are made up of people, their employees. For this simple reason, how employees think, and act can cause the organization to be effective or ineffective, depending on how their thoughts and behaviors are managed. Effective leadership of organizations thus requires awareness, understanding, and proper management of employee behavior. Therefore, this course seeks to make you familiar with the broad variety of topics that constitute organizational behavior. Topics will range from those at the individual (micro) level, such as personality and intelligence to the organizational (macro) level, such as organizational structure, culture, and change. This course will also cover other topics that can be applied to all levels, such as power and influence, leadership, and work motivation.	3.0
MSCM 5601 Motivation, Change, and Leadership	Motivation, Change, and Leadership I is designed to introduce the principles and practices for motivating change within organizational and community settings. Students use active learning (such as case studies, focused discussion, problem-solving, and role-playing class exercises) to evaluate effective leadership, analyze opportunities for change, and determine how to lead through change. This first course (of a two-course sequence) focuses on organizations and communities; the second course focuses on individuals and families.	3.0

Capstone Project

Course	Description	Credits
MSCM 5997 Masters Capstone (<u>Completed over two semesters, 3 credits per semester</u>)	This course provides students in the Master of Health Administration Program with the opportunity to conduct hands-on capstone projects. While specific capstone requirements may vary by discipline, all final reports follow a standard structure similar to a basic capstone report. Key components include an abstract, introduction, results, discussion, figures and legends, and a bibliography.	6.0
MSCM 5998 Masters Capstone (Completed in one semester)	This course provides students in the Master of Health Administration Program with the opportunity to conduct hands-on capstone projects. While specific capstone requirements may vary by discipline, all final reports follow a standard structure similar to a basic capstone report. Key components include an abstract, introduction, results, discussion, figures and legends, and a bibliography.	6.0