

HEALTH SCIENCE (HS)

HS520: Essentials of Telehealth

In this course, you will learn the fundamentals surrounding incorporating telehealth into clinical practice. This includes exploring access and utilization; legal and regulatory issues; technology and infrastructure; workflow integration and operations; and benefits and best practices for enhancing outcomes in a digital world.

Quarter Credit Hours: 5 | Prerequisite: None

HS530: Telehealth Coordination

This course will help you to understand the roles and responsibilities of a telehealth coordinator while ensuring a high level of quality, safety, and privacy for patients who utilize these services. The course will familiarize you with the roles that this position plays including administrative duties, project management skills, establishing policies and procedures, establishing efficient workflows, educating and supporting clinical and nonclinical staff in their unique roles, and effective marketing of a telehealth program. You will learn how to establish and lead the process of integrating telehealth services into an ambulatory medical practice.

Quarter Credit Hours: 5 | Prerequisite: None

HS810: Advanced Health Policy

The advanced policy course presents the key components, relationships, and interdependencies between policy, laws, ethics, and governance in health and health-related systems. You will analyze their interconnected relationships associated with the effective and equitable delivery of health-related services and the governance of health systems.

Quarter Credit Hours: 5 | Prerequisite: CM801

HS812: Health Law and Ethics

This course introduces you to the legal and ethical issues involving the health care system and health care providers. Areas covered include licensing and discipline; informed consent; confidentiality; patient-professional relationships; the liability of health care professionals and institutions; patient safety; health care coverage; fraud and abuse; and beginning-of-life and end-of-life issues.

Quarter Credit Hours: 5 | Prerequisite: None

HS814: Global Health Issues

This course will explore core purposes, principles, and theories of global health. Examining critical global health topics in an engaging manner provides the foundation of the course. You will build an appreciation for the importance of global health and the complexities of our increasingly interdependent world. The course develops the skills needed to analyze global health issues and problems, preparing you to devise needed solutions to these issues. You will gain essential skills to understand, analyze, evaluate, and impact change in global health through course readings, discussions, and assignments. Furthermore, this course prepares you for leadership roles by emphasizing effective communication, strategic planning, and the ability to drive positive change.

Quarter Credit Hours: 5 | Prerequisite: None

HS816: Health Data Analytics and Visualization

This course covers data collection, standards, and techniques to evaluate complex health datasets. Throughout this course, you will learn to use analysis tools, critique research approaches, recommend appropriate study designs, create an analysis plan that incorporates appropriate statistical and visualization methods, and discuss meaningful patterns and insights from health data.

Quarter Credit Hours: 5 | Prerequisite: None

HS818: Evidence-Based Medical Practice

This course balances the theoretical foundations of evidence-based medicine with the internal and external factors that translate to evidence-based practice. You will have the opportunity to create solutions to practice-based problems using evidence-based medicine, while incorporating multiple stakeholder perspectives. Data gleaned from evidence-based medicine will be your primer for decision-making, policy, and practitioner guidance as you work toward addressing current health care trends and challenges.

Quarter Credit Hours: 5 | Prerequisite: None

HS820: Global and National Health and Health Systems

The global and national systems course guides you through an examination of the differences and similarities of national and global health-related systems. You will explore roles as applied to multiple health-related scenarios, issues, and challenges to these systems. The course will also provide you with the opportunity to generate a model for cooperative, effective health promotion across national and global platforms.

Quarter Credit Hours: 5 | Prerequisite: HS810

HS830: Advanced Health Issues and Trends

In this course, you will delve into the emerging concepts, methodologies, and innovations shaping the future of health. Through a multidisciplinary lens, you will critically examine current research, policies, and trends driving transformative changes in health. You will explore the intersection of social determinants of health, health equity, and health outcomes by exploring emerging trends across diverse health sectors.

Quarter Credit Hours: 5 | Prerequisite: HS810

HS840: Advanced Health Research and Analysis Methods

This advanced course in quantitative and qualitative research methodologies in health explores both theoretical foundations and practical applications of research. Emphasis will be placed on critical analysis, and fostering skills for rigorous data interpretation and ethical decision-making in health contexts.

Quarter Credit Hours: 5 | Prerequisite: HS830

HS850: Advanced Health Leadership

Advanced health leadership breaks down key components of the leadership environment and current practice. You will analyze and assess leadership effectiveness and models. You will have the opportunity to generate your own philosophy and model of leadership as well as a strategic plan for a select health system or department.

Quarter Credit Hours: 5 | Prerequisite: HS820

HS860: Doctoral Project I: Project Proposal

This course will provide the entry point into the doctoral project and includes the project proposal, initial literature review, and IRB application. This course will be graded pass/fail.

Quarter Credit Hours: 5 | Prerequisite: HS840 and permission of the Doctor of Health Science chair

HS865: Doctoral Project II: Research

During this course, you will finalize your literature review and methodology. You will apply research principles, methodology, and analytical techniques to implement your research design and begin data collection. This course will be graded pass/fail.

Quarter Credit Hours: 5 | Prerequisite: HS860

HS880: Doctoral Project III: Data Collection and Analysis

During this course, you will complete data collection and analyze results for your applied research project. This course will be graded pass/fail.

Quarter Credit Hours: 5 | Prerequisite: HS865

HS890: Doctoral Project IV: Communication and Dissemination

In this course, you will refine your research conclusions and recommendations. You will develop a plan to communicate and disseminate your findings. You will have the opportunity to present to your peers as well as serve as a peer reviewer. This course will be graded pass/fail.

Quarter Credit Hours: 4 | Prerequisite: HS880

HS895: Doctoral Project IV: Communication and Dissemination

In this course, you will refine your research conclusions and recommendations. You will develop a plan to communicate and disseminate your findings. You will have the opportunity to present to your peers as well as serve as a peer reviewer. This course will be graded pass/fail.

Quarter Credit Hours: 5 | Prerequisite: HS880