HEALTHCARE DELIVERY SCIENCE - APPLIED HEALTH INFORMATICS

Graduate Committee

Fall 2024: Dr. Tammy Webster (Chair & Program Director), Dr. Tanya Custer, Dr. Karen Honeycutt, Dr. Victoria Kennel, and Dr. Kimberly Michael

Spring 2025: Dr. Tanya Custer (Chair & Program Director), Dr. Karen Honeycutt, Dr. Victoria Kennel, Dr. Kimberly Michael, and Dr. Tammy Webster (ex-officio)

The Applied Health Informatics subplan provides healthcare professionals with an academic foundation in health informatics, focusing on preparing current and future healthcare professionals with the skills necessary to effectively apply health informatics in practice to improve the quality and safety of patient care. Students enrolling in the Applied Health Informatics subplan must successfully complete the four health informatics courses as listed below:

Code	Title	Credit Hours
Core Courses (15 Credit Hours)		
HDS 831	MANAGEMENT IN HEALTH CARE	3
HDS 852	DESIGN OF QUALITY IMPROVEMENT INITIATIVES	3
HDS 860	INTRODUCTION TO HEALTH INFORMATICS	3
HSRA 872	HEALTH CARE FINANCE	3
HPTT 823	LEADERSHIP IN HEALTH PROFESSIONS EDUCATION	3
Total Credit Hours		**15**

Code	Title	Credit Hours
Capstone I & II (3 Credit Hours)		
HDS 871	INTRODUCTION TO DIGITAL PORTFOLIO	1
HDS 872	DIGITAL PORTFOLIO CAPSTONE	2
Total Credit Hours		**3**

Code	Title	Credit Hours
Required Applied Health Informatics Courses		
HDS 861	HEALTH DATA ANALYTICS	3
HDS 862	HEALTH INFORMATION SYSTEMS	3
HDS 863	HEALTHCARE INFORMATION MANAGEMENT AND SECURITY	3
Total Credit Hours		9

Code	Title	Credit Hours
Electives (3 Credit Hours total)		
HDS 815	COMMUNICATION AND CULTURE IN HEALTHCARE	3
HDS 823	PRINCIPLES OF CRITICAL INQUIRY	2
HDS 826	HEALTH CARE ETHICS AND CRITICAL THINKING	3
HDS 830	SCANNING HEALTH CARE ENVIRONMENT	3
HDS 850	FOUNDATIONS OF QUALITY IMPROVEMENT	3
HDS 851	SYSTEM AND SOCIAL INFLUENCES IN QUALITY AND SAFETY	3
HDS 853	IMPLEMENTATION AND EVALUATION OF QUALITY IMPROVEMENT INITIATIVES	3
HDS 873	SPECIAL TOPICS IN HEALTHCARE	1-4

Total Credit hours: 30 credit Hours