

HEALTH INFORMATICS AND ANALYTICS MASTER OF SCIENCE

The online Master of Science in Health Informatics and Analytics (MS HIA) empowers students to apply data analysis and information technology solutions to the evidence-based delivery of health care. Available as a joint degree option for Drake pharmacy students or as a stand-alone program for current clinicians, healthcare administrators, and information technology workers looking to advance their career, the program provides students with the opportunity to collaborate effectively with data scientists, statisticians, and healthcare professionals in interdisciplinary healthcare settings.

Graduates of the MS HIA program will be particularly agile in the fast-changing healthcare landscape, and well-positioned to take on innovative roles in the health care information technology field. The unique inclusion of data analytics with informatics addresses the growing employer demand in graduates with both of these skills.

Admission

GPA Requirement: 3.0 from a regionally accredited institution

Curriculum

Code	Title	Hours
Required Courses		
Select one of the following:		3
HLTH 264	BEYOND ETHICS: POLICY AND HEALTHCARE	
HLTH 266	HEALTHCARE REGULATION, LAW AND ADVOCACY	
HSCI 201	INTRODUCTION TO HEALTH INFORMATICS	3
HSCI 260	SURVEY OF EVIDENCE BASED HEALTHCARE	3
HSCI 285	HI & ANALYTICS CAPSTONE PROJ	3
IS 231	DATA MANAGEMENT AND VISUAL ANALYTICS	3
STAT 240	STATISTICAL MODELING	3
Elective Courses		
IS 210	BUSINESS ANALYTICS, TEAMS, AND PROJECTS	3
IS 220	INFORMATION TECHNOLOGY LEGAL AND ETHICAL ISSUES	3
HLTH 261	HEALTH CARE POLICY	3
HLTH 263	HEALTH CARE ADMINISTRATION	3
MBA 245	LEADING WITH DATA	3
MBA 254	LEADERSHIP AND HUMAN CAPITAL DEVELOPMENT	3
QUAN 270	QUANTITATIVE ANALYTICAL METHODS	3
Other courses as approved by the program director		
Total Hours		39

¹ May be fulfilled by HSCI 285 HI & ANALYTICS CAPSTONE PROJ with permission