

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 |
| Select four of the following: | | 12 |
| IS 210 | BUSINESS ANALYTICS, TEAMS, AND PROJECTS | |
| IS 220 | INFORMATION TECHNOLOGY LEGAL AND ETHICAL ISSUES | |
| HLTH 261 | HEALTH CARE POLICY | |
| HLTH 263 | HEALTH CARE ADMINISTRATION | |
| MBA 245 | LEADING WITH DATA | |
| MBA 254 | LEADERSHIP AND HUMAN CAPITAL DEVELOPMENT | |
| QUAN 270 | QUANTITATIVE ANALYTICAL METHODS | |
| Other courses as approved by the program director | | |
| Total Hours | | 30 |

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