

Master's of Science in Health Informatics and Analytics Program Outcome and Objectives

The goal of the MS HIA program is to equip students with the technical and leadership skills necessary to thrive in the rapidly growing fields of healthcare informatics and data analytics.

Objectives include:

1. To enable students to understand the relationship between informatics and healthcare delivery, and to recognize how they influence and transform one another.
2. To provide students with opportunities to identify and apply effective data analytics methods to solve problems at various organizational levels.
3. To enable students to analyze and interpret literature and raw data to solve problems and provide evidence-based recommendations.
4. To provide students with technical, quantitative, and leadership skills necessary to succeed in a health informatics and/or data analytics role.
5. To provide students with a framework to relate informatics to value-based care and health economics as well as the application to patient care.
6. To prepare students to effectively communicate data-driven analyses and solutions for an organization's overall strategy with healthcare leadership.
7. To enable students to recognize the legal, ethical, and regulatory issues involved in data management and to avoid or prevent conflict or misconduct.