

Master of Science in Health Informatics

Course	Course Title	HINFM1	HINFM2	HINFM3	HINFM4	ILO1	ILO2	ILO3	ILO4	ILO5
HCM 772	Healthcare Strategic Management	X	X	X	X		X	X	X	X
COMP 630	Issues in Database Management	X	X	X			X	X		X
MATH 601	Introduction to Analytics	X		X			X	X		X
DATA 605	Data Visualization & Reporting	X	X	X			X	X		X
DATA 610	Big Data Analytics and Data Mining	X	X		X		X	X	X	X
HIM 702	Health Information Governance	X	X	X	X		X	X	X	X
HIM 710	Clinical Workflow & Applications	X	X	X	X		X	X	X	X
HIM 761	Healthcare Analytics		X				X			X

Institution Learning Outcomes

- ILO1 Communication: Communicate professionally using a variety of modalities (written, spoken, and technological).
- ILO2 Critical Thinking: Analyze and evaluate information to make reasoned arguments and solve problems.
- ILO3 Civic & Global Engagement: Integrate knowledge and skills to engage with and respond to social, environmental, and economic challenges at local, national, and global levels.
- ILO4 Ethics: Analyze and evaluate complex issues and situations to make informed ethical decisions.
- ILO5 Disciplinary Expertise

Program Learning Outcomes

- HINFM1 Recommend policies, procedures, and systems that manage information as a healthcare asset.
- HINFM2 Integrate information technology systems, applications, and principles into the short and long-term strategic goals of a healthcare organization.
- HINFM3 Recommend patient-centered quality improvement strategies using data analysis.
- HINFM4 Evaluate the impact of current societal, legal, ethical, and regulatory standards on health information governance.