

## Master of Science in Information Technology

Course	Course Title	ITECM1	ITECM2	ITECM3	ITECM4	ITECM5	ITECM6	ITECM7	ILO1	ILO2	ILO3	ILO4	ILO5
COMP 630	Issues in Database Management	X							X	X			X
ITEC 690	IT Strategy and Policy	X	X		X	X	X		X	X	X	X	X
ISEC 610	Information Assurance		X							X			X
ITEC 660	Web Development and Deployment			X						X			X
ITEC 640	Project Management				X					X			X
ITEC 670	Network, Cloud and Systems Mgmt					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

- ITECM1 Develop advanced database systems.
- ITECM2 Evaluate organizational security posture in light of the breadth of the information security body of knowledge.
- ITECM3 Develop and deploy modern web applications using current tools and technologies.
- ITECM4 Apply standard project management best practices in an IT context.
- ITECM5 Apply infrastructure management best practices for advanced IT infrastructure, including networks, cloud, systems, and services.
- ITECM6 Analyze IT initiatives to determine competitive parity or advantage.
- ITECM7 Develop IT strategy in cross-disciplinary domains.