

Master of Science in Computer Science

Course	Course Title	COMPM1	COMPM2	COMPM3	ILO1	ILO2	ILO3	ILO4	ILO5
COMP 630	Issues in Database Management		X	X	X	X		X	X
COMP 620	Analysis of Algorithms		X	X	X	X		X	X
COMP 645	Object-Oriented Design & Practice	X	X	X	X	X		X	X
COMP 650	System Architecture & Engineering	X	X	X	X	X		X	X
COMP 655	Distributed Systems	X				X			X
ITEC 640	Project Management	X	X	X	X	X		X	X
COMP 671	Verification and Testing	X	X	X	X	X		X	X
COMP 691	Capstone		X	X	X	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

- COMPM1 Planning project processes and products, analyzing problems and design trade-offs, and making design decisions to address stakeholder needs
- COMPM2 Designing and implementing a software architecture and related products according to software plans and requirements
- COMPM3 Monitoring, controlling, verifying, validating, and communicating software development progress relative to plans and requirements.