

**MS in CIS Curriculum
Effective Fall 2025**

Course Description	Semester Offered
REQUIRED – CIS 5100 – Advanced Cyber Security	Fall
REQUIRED – CIS 5200 – Strategic Data Management and Analysis	Spring
REQUIRED – CIS 5450 – Strategic Information Systems Project Management	Fall
REQUIRED – CIS 5550 – Applied Project Management	Spring
REQUIRED – CIS 5600 – Strategic Application of Enterprise Software	Spring
REQUIRED – CIS 5900 – Research Methods in Computer Information Systems	Fall
REQUIRED – CIS 5950 – Research Project and/or Thesis	Spring
CHOOSE ONE – CIS 5300 – Advanced Data Communication Systems	Fall
CHOOSE ONE – CIS 5400 – Algorithm Analysis and Design	Spring
CHOOSE THREE – CIS 5300 or CIS 5400 (if not taken above)	Fall
CHOOSE THREE – CIS 5810 – Emerging Technology and Human Computer Interaction	Fall
CHOOSE THREE – CIS 5820 – Advanced Mobile Development	Fall
CHOOSE THREE – CIS 5830 – Information Assurance	Spring, Summer
CHOOSE THREE – CIS 5840 – Decision Support Systems	Summer, Fall