

Master of Science in Information Security and Intelligence

FOUNDATION COMPETENCY REQUIRED *(may be waived for course competencies)*

COURSE #	TITLE	CREDITS	TERM	GRADE
	Competencies in Networking and Programming			

EIGHT CORE COURSES REQUIRED

COURSE #	TITLE	CREDITS	TERM	GRADE
MISI 600	Communication Strategies	3		
MISI 605	Intelligence Vulnerabilities	3		
MISI 610	Database Management and Security	3		
MISI 629	Legal, Ethical and Fraudulent Issues	3		
PROJ 640	Project Management	3		
MISI 660	Information Security/Assurance	3		
MISI 665	Secure Information Systems	3		
MISI 799	Integrated Capstone Project <i>(prereq final semester or dept approval)</i>	3		

ONE ADVANCED STUDY CERTIFICATE REQUIRED *(from options on page 2)*

CERTIFICATE TITLE	CREDITS
Advanced Study Certificate in Business Intelligence	3 credits from core + 9 additional credits
Advanced Study Certificate in Incident Response	
Advanced Study Certificate in Project Management	
Advanced Study Certificate in Management Tools and Concepts	

EIGHT CORE COURSES REQUIRED	24
ONE ADVANCED STUDY CERTIFICATE	9
TOTAL	33

OPTIONAL ADDITIONAL CREDITS

COURSE #	TITLE	CREDITS	TERM	GRADE
MISI 699	Continuing Studies in ISI - <i>One credit required each semester for students continuing capstone beyond first semester.</i>	1-3		
MISI 690	Current Topics in ISI - <i>Offered occasionally and may substitute other MISI courses with program approval</i>	3		
MISI 691	MISM Internship <i>(prerequisite completion of 15 MISI credits & Department approval)</i>	0-6		

No grade below a C is acceptable for graduation. No more than two C grades will apply to degree. An overall GPA of 3.0 or better is required to earn the MS-ISI degree. An overall GPA of 3.0 or better must be maintained to avoid dismissal from the MS-ISI program. Degree must be completed within five years from first semester of enrollment.

Graduate Honors Requirements: Distinction requires 3.75 to 3.89 overall GPA Highest Distinction requires 3.90 to 4.0 overall GPA

Five-year BS Accounting degree and MS-ISI toward CPA - Junior year Bachelor of Science in Accountancy program majors may apply for fourth year ***dual enrollment in Accountancy and MS-ISI.*** Successful students earn their Bachelors, Masters, and satisfy the 150 minimum credit hours required to practice as a licensed Certified Public Accountant (CPA).

Master of Science Nursing (MSN) Concentrations - MISI students who hold a RN license may select a 9-credit concentration from the MSN program. MSN students may select a 9-credit concentration from the MS-ISI program.

College of Business Advanced Study Certificate Options

A grade of C or better is required in all classes. No more than 50% of the credits in a certificate may be transferred from another institution, nor, will the certificate be granted if more than 50% of the certificate credits are specifically required in a student's major.

ASBI - ADVANCED STUDIES CERTIFICATE IN BUSINESS INTELLIGENCE – 12 Credits

The *Business Intelligence* certificate is designed to prepare individuals with both theoretical and practical experience in designing, developing and utilizing database and informatics systems, tools and techniques in a decision support environment, including predictive, geographic, and link/visual analysis.

COURSE #	TITLE	CREDITS	TERM	GRADE
MISI 610	Database Management and Security	3		
MISI 740	Business Intelligence (<i>prerequisites MISI 610</i>)	3		
MISI 742	Geographic Information Systems (<i>prerequisite MISI 610</i>)	3		
MISI 748 or MISI 691	Project in Business Intelligence (<i>prerequisite MISI 740</i>) OR Internship (<i>with Business Intelligence focus</i>)	3		

ASIR - ADVANCED STUDIES CERTIFICATE IN INCIDENT RESPONSE – 12 Credits

The *Incident Response* certificate is designed to prepare individuals to secure computers, networks, and systems against intrusions and unauthorized access, test and assess security measures, and forensically analyze the environment to determine events and situations that may have occurred in a digital environment.

COURSE #	TITLE	CREDITS	TERM	GRADE
MISI 660	Information Security/Assurance	3		
MISI 662	Penetration Testing & Vulnerability Assessment (<i>prereq MISI 660</i>)	3		
MISI 664	Digital Forensics and Incident Response (<i>prereq MISI 605 & MISM 660</i>)	3		
MISI 668 or MISI 691	Project in Incident Response (<i>prerequisite MISI 662 or MISI 664</i>) OR Internship (<i>with Incident Response focus</i>)	3		

ASPM - ADVANCED STUDIES CERTIFICATE IN PROJECT MANAGEMENT – 12 Credits

The *Project Management* certificate is designed to prepare individuals for careers as program, project, and portfolio managers consistent with the Project Management Institute's Project Management Body of Knowledge and other industry standards. Students will study the entire project life cycle and supporting tools and technologies.

COURSE #	TITLE	CREDITS	TERM	GRADE
PROJ 640	Project Management	3		
PROJ 642	Project Leadership (<i>prerequisite PROJ 640</i>)	3		
PROJ 644	Project Risk and Quality Management (<i>prerequisite PROJ 640</i>)	3		
PROJ 648 or MISI 691	Project In Program and Project Management (<i>prereq PROJ 640</i>) OR Internship (<i>with Project Management focus</i>)	3		