MSCT Program Plan of Study

Note: Plan of Study must be approved by the student's Graduate Program Coordinator

Student Information

Name _____ Laker ID _____

Email _____ Phone _____

Graduate Program Coordinator: Dr. Shakil Akhtar _____

Graduate Program Coordinator Signature   Date

		Course ID	Course Title	Semester	Year	Credits
Core Courses (12 credit hours)	Students must take all the 4 core courses	CSCI 5306	Computer & Networks Security (3)	Fall		3
		CSCI 5317	Operating Systems Admin& Secur (3)	Spring		3
		CSCI 5601	Software Security (3)	Fall		3
		CSCI 5701	Introduction to Cybersecurity (3)	Spring		3
Select one concentration (12 credit hours)	Operation and Security Management (Select 4 courses)	CSCI 5502	Secure Networks & Communications Protocols (3)	Fall		
		CSCI 6010	Digital Forensics and Incident response (3)	Fall		
		CSCI 6092	Adv. Topics in Cyber Tech. (3)	Spring		
		CSCI 6134	Enterprise Security Management (3)			
		CSCI 6208	Disaster Recovery Planning (3)			
		CSCI 6308	Cloud Computing (3)	Spring		
	Information Security (Select 4 courses)	CSCI 5501	Secure Network Modeling &Simul (3)	Fall		
		CSCI 6010	Digital Forensics and Incident response (3)	Fall		
		CSCI 6092	Adv. Topics in Cyber Tech. (3)	Spring		
		CSCI 6012	Information Risk Management (3)	Spring		
		CSCI 6306	Cryptographic Techniques (3)			
		CSCI 6310	Data Security and Analytics (3)			
Research techniques (3 credit hours)		CSCI 6574	Research Techniques (3)	Fall/Spring		3
Select one track (3 credit hours)	Project Track	CSCI 6599	Special Project (3)	Fall/Spring		
	Thesis Track	CSCI 6600	Thesis (3)	Fall/Spring		
	Course Only Track	CSCI				
Total Credits						30

Note:

1. Take CSCI 6574 in the first semester if you plan to graduate in 3 semesters. CSCI 6574 is a prerequisite for CSCI 6599/6600.
2. Identify a CSIT professor to serve as your supervisor before you take CSCI 6600 or CSCI 6599.
3. CSCI 6600 or CSCI 6599 must be scheduled in your last semester of the graduate program.
4. A graduate student can take at most 12 credit hours in each semester, and at most 6 credit hours if placed on Academic Probation. Graduate students whose institutional GPA falls below the minimum acceptable GPA of 3.0 are placed on Academic Probation.
5. A grade of at least C is required for each course, but a student must achieve a cumulative institutional GPA of at least 3.00 in all graduate courses taken at the time of graduation.

MSCT Program Recommended Sequences of Courses for 3 Semester Completion

Operation and Security Management Concentration		Information Security Concentration	
Fall Semester		**Fall Semester**	
CSCI 5306	Computer & Networks Security	CSCI 5306	Computer & Networks Security
CSCI 5502	Secure Networks & Comm. Protocols	CSCI 5501	Secure Network Modeling &Simul
CSCI 5601	Software Security	CSCI 5601	Software Security
CSCI 6574	Research Techniques	CSCI 6574	Research Techniques
Spring Semester		**Spring Semester**	
CSCI 5317	Operating Systems Admin & Security	CSCI 5317	Operating Systems Admin & Security
CSCI 5701	Introduction to Cybersecurity	CSCI 5701	Introduction to Cybersecurity
CSCI 6092	Adv. Topics in Cyber Tech.	CSCI 6092	Adv. Topics in Cyber Tech.
CSCI 6308	Cloud Computing	CSCI 6012	Information Risk Management
Fall Semester		**Fall Semester**	
CSCI 6010	Digital Forensics and Incident resp.	CSCI 6010	Digital Forensics and Incident resp.
CSCI 6599 / 6600 / ___	Special Project / Thesis / _____	CSCI 6599 / 6600 / ___	Special Project / Thesis / _____

Operation and Security Management Concentration		Information Security Concentration	
Fall Semester		**Fall Semester**	
CSCI 5306	Computer & Networks Security	CSCI 5306	Computer & Networks Security
CSCI 6574	Research Techniques	CSCI 6574	Research Techniques
Spring Semester		**Spring Semester**	
CSCI 5317	Operating Systems Admin & Security	CSCI 5317	Operating Systems Admin & Security
CSCI 5701	Introduction to Cybersecurity	CSCI 5701	Introduction to Cybersecurity
CSCI 6092	Adv. Topics in Cyber Tech.	CSCI 6092	Adv. Topics in Cyber Tech.
CSCI 6308	Cloud Computing	CSCI 6012	Information Risk Management
Fall Semester		**Fall Semester**	
CSCI 5502	Secure Networks & Comm. Protocols	CSCI 5501	Secure Network Modeling &Simul
CSCI 5601	Software Security	CSCI 5601	Software Security
CSCI 6010	Digital Forensics and Incident resp.	CSCI 6010	Digital Forensics and Incident resp.
CSCI 6599 / 6600 / ___	Special Project / Thesis / _____	CSCI 6599 / 6600 / ___	Special Project / Thesis / _____

Operation and Security Management Concentration		Information Security Concentration	
Fall Semester		**Fall Semester**	
CSCI 5306	Computer & Networks Security	CSCI 5306	Computer & Networks Security
CSCI 5601	Software Security	CSCI 5601	Software Security
CSCI 6574	Research Techniques	CSCI 6574	Research Techniques
Spring Semester		**Spring Semester**	
CSCI 5317	Operating Systems Admin & Security	CSCI 5317	Operating Systems Admin & Security
CSCI 5701	Introduction to Cybersecurity	CSCI 5701	Introduction to Cybersecurity
CSCI 6092	Adv. Topics in Cyber Tech.	CSCI 6092	Adv. Topics in Cyber Tech.
CSCI 6308	Cloud Computing	CSCI 6012	Information Risk Management
Fall Semester		**Fall Semester**	
CSCI 5502	Secure Networks & Comm. Protocols	CSCI 5501	Secure Network Modeling &Simul
CSCI 6010	Digital Forensics and Incident resp.	CSCI 6010	Digital Forensics and Incident resp.
CSCI 6599 / 6600 / ___	Special Project / Thesis / _____	CSCI 6599 / 6600 / ___	Special Project / Thesis / _____

Operation and Security Management Concentration		Information Security Concentration	
Spring Semester		**Spring Semester**	
CSCI 5317	Operating Systems Admin & Security	CSCI 5317	Operating Systems Admin & Security
CSCI 5701	Introduction to Cybersecurity	CSCI 5701	Introduction to Cybersecurity
CSCI 6092	Adv. Topics in Cyber Tech.	CSCI 6092	Adv. Topics in Cyber Tech.
CSCI 6574	Research Techniques	CSCI 6574	Research Techniques
Fall Semester		**Fall Semester**	
CSCI 5306	Computer & Networks Security	CSCI 5306	Computer & Networks Security
CSCI 5502	Secure Networks & Comm. Protocols	CSCI 5501	Secure Network Modeling &Simul
CSCI 5601	Software Security	CSCI 5601	Software Security
CSCI 6010	Digital Forensics and Incident resp.	CSCI 6010	Digital Forensics and Incident resp.
Spring Semester		**Spring Semester**	
CSCI 6308	Cloud Computing	CSCI 6012	Information Risk Management
CSCI 6599 / 6600 / ___	Special Project / Thesis / _____	CSCI 6599 / 6600 / ___	Special Project / Thesis / _____

Operation and Security Management Concentration		Information Security Concentration	
Spring Semester		**Spring Semester**	
CSCI 5317	Operating Systems Admin & Security	CSCI 5317	Operating Systems Admin & Security
CSCI 6574	Research Techniques	CSCI 6574	Research Techniques
Fall Semester		**Fall Semester**	
CSCI 5306	Computer & Networks Security	CSCI 5306	Computer & Networks Security
CSCI 5502	Secure Networks & Comm. Protocols	CSCI 5501	Secure Network Modeling &Simul
CSCI 5601	Software Security	CSCI 5601	Software Security
CSCI 6010	Digital Forensics and Incident resp.	CSCI 6010	Digital Forensics and Incident resp.
Spring Semester		**Spring Semester**	
CSCI 5701	Introduction to Cybersecurity	CSCI 5701	Introduction to Cybersecurity
CSCI 6092	Adv. Topics in Cyber Tech.	CSCI 6092	Adv. Topics in Cyber Tech.
CSCI 6308	Cloud Computing	CSCI 6012	Information Risk Management
CSCI 6599 / 6600 / ___	Special Project / Thesis / _____	CSCI 6599 / 6600 / ___	Special Project / Thesis / _____

Operation and Security Management Concentration		Information Security Concentration	
Spring Semester		**Spring Semester**	
CSCI 5317	Operating Systems Admin & Security	CSCI 5317	Operating Systems Admin & Security
CSCI 5701	Introduction to Cybersecurity	CSCI 5701	Introduction to Cybersecurity
CSCI 6574	Research Techniques	CSCI 6574	Research Techniques
Fall Semester		**Fall Semester**	
CSCI 5306	Computer & Networks Security	CSCI 5306	Computer & Networks Security
CSCI 5502	Secure Networks & Comm. Protocols	CSCI 5501	Secure Network Modeling &Simul
CSCI 5601	Software Security	CSCI 5601	Software Security
CSCI 6010	Digital Forensics and Incident resp.	CSCI 6010	Digital Forensics and Incident resp.
Spring Semester		**Spring Semester**	
CSCI 6092	Adv. Topics in Cyber Tech.	CSCI 6092	Adv. Topics in Cyber Tech.
CSCI 6308	Cloud Computing	CSCI 6012	Information Risk Management
CSCI 6599 / 6600 / ___	Special Project / Thesis / _____	CSCI 6599 / 6600 / ___	Special Project / Thesis / _____