



**M. S. in Information Technology
Program Planning Guide**

November 2024

NOTES

1. Program requirements to completion: 30 credits beyond the Foundation courses. Foundation courses are not eligible to be used as electives.
2. All degree requirements must be met within seven (7) years of enrolling in the first course applied towards the program. International students may be required to complete EAP 500 English for Academic Purposes.
3. New students may have to take IT 510 and CSIT 512 depending on their academic and/or professional experience.
4. It is the student's responsibility to: (a) know and follow the program requirements and fulfil them, (b) plan their semester course schedules to remain compliant with external requirements (e.g. visa, scholarship) using the projected schedule below (schedule subject to adjustment), and, (c) request written approval for any course substitutions from your academic adviser or program director prior to enrollment. Failure to receive approval for course substitutions prior to enrollment may result in a delay in program completion.

Student Name _____

Advisor Signature _____ **Date** _____

Term/Year of first course _____ **Term/Year of expiration of time limit (see collegecatalog)** _____

FOUNDATION COURSES						
EAP 500 English for Academic Purposes	(3)		FALL, SPRING	None		
IT 510 Computing Hardware & Software Sys	3		FALL, SPRING	None		
CSIT 512 Elements of Computer Programming	3		FALL, SPRING	None		
Foundation Total:	3-9					
CORE COURSES						
IT 514 Info Tech and Cloud Business Intelligence	3		FALL, SPRING	IT 510, CSIT 512 (concurrent enrollment OK)		
ITMG 516 Intro Data Analytics & Bus Data Mining	3		FALL, SPRING	CSIT 512		
IT 518 Systems Engineering Integration	3		FALL	IT 514		
IT 530 Applied Database Concepts	3		FALL, SPRING	IT 510, CSIT 512, IT 514		
IT 548 Telecommunications & Networking	3		FALL, SPRING	IT 514		
CSIT 555 Information Systems Security	3		FALL, SPRING	IT 510		
Core Total:	18					
ELECTIVE COURSES						
IT Elective	3					
IT Elective	3					
Elective	3					
Elective	3					
Elective Total	12					
Program Total:	30					

*** At least 2 elective courses must be selected from courses with an IT prefix. Other elective courses are selected freely from the department's computer science and information technology offerings.**

Students, upon consultation with their academic advisor, may select specific electives for their MS in Information Technology that would enable them to also obtain a graduate Certificate in Cybersecurity.