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

**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 college catalog)_____

| REQUIRED COURSES | CREDITS | WAIVED | SEMESTER OFFERED | PREREQUISITES | SEMESTER TAKEN | GRADE |
|---|---|---|---|---|---|---|
| **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 Contemporary Issues in IT | 3 | | FALL, SPRING, SUMMER | 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.*