FAU
DEPARTMENT OF
ELECTRICAL ENGINEERING
AND COMPUTER SCIENCE
College of Engineering & Computer Science
Florida Atlantic University

M.S. IN INFORMATION TECHNOLOGY & MANAGEMENT
CONCENTRATION: Cybersecurity Concentration

Name: _____ Z#: _____ Advisor: _____

Date of Admission: _____ GPA: _____

Prerequisites

List deficiency courses assigned by the Admission Committee, if applicable:

Grade	Semester	Course Number/Name

Degree Requirements

The Master of Science with Major in Information Technology and Management – Cybersecurity Concentration program offers both thesis and non-thesis options. Both options require a minimum of 30 credits.

Core Courses - Students are *required* to take the following *three* courses:

Grade	Semester	Course Number/Name
		CEN 5035 Software Engineering
		COP 6731 Theory and Implementation of the Database Systems
		ISM 6026 Management of Information Systems & Technology

Students must take three cybersecurity courses from the list below. Course substitution is allowed with the advisor's prior approval.

Grade	Semester	Course Number/Name
		CAI 6803 Data Analysis and Modeling for Cybersecurity
		CDA 5326 Cryptographic Engineering
		CIS 5371 Practical Aspects of Modern Cryptography
		CIS 6370 Computer Data Security
		CIS 6730 Cryptocurrencies and Blockchain Technologies
		CIS 6375 Distributed Systems Security
		COT 6427 Secret Sharing Protocols

Non-thesis students must take two Electrical Engineering and Computer Science (EECS) courses with prefixes of CAP, CDA, CEN, CIS, COP, COT, CTS or CNT offered by the EECS department. Thesis students must take 6 credits of COT 6970-Master's Thesis-Computer Science

Grade	Semester	Course Number/Name

Electives - The last *two* electives must be chosen from the following ITOM courses:

Grade	Semester	Course Number/Name
		ISM 6328 Management of Information Assurance and Security
		ISM 6376 Digital Forensics Management
		ISM 6427C Business Innovation with Artificial Intelligence
		ISM 6455 Blockchain and Digital Business Transformation
		ISM 6930 Special Topics

THESIS OPTION (24 credits + 6 thesis credits)

Total: 30 credit hours _____

NON-THESIS OPTION

Total: 30 credit hours _____

GPA (at least 3.0) _____

Student Signature_____   **Date** _____

SUMMARY OF RULES FOR MS EGIT-CYBERSECURITY CONCENTRATION DEGREE

Minimum Degree Requirements:

- Requires a total of 30 credits as follows: (1) non-thesis option: 30 credits of approved coursework, and (2) thesis option: 6 credits of orally defended written thesis and 24 credits of approved coursework.

- All courses in the degree program must be completed with a grade of "C" or better.

- At least one-half of the credits must be at the 6000 level or above.

- Overall graduate GPA of 3.0 or better.

Thesis Committee (for Thesis Option):

- Composed of at least three faculty members.

- At least two members from EECS Department and one member from College of Business.

- Chair from the EECS department.

Admission to Candidacy/Online Plan of Study

Students must apply for candidacy as soon as they are eligible. Students should prepare, in consultation with a graduate advisor, an **Online Plan of Study** i.e. the list of courses, for completing their degree requirements. All courses must be approved by the student's advisor.

A student is eligible to apply for candidacy when:

1. A minimum of 9 credit hours as a graduate student have been completed.
2. A minimum of 3.0 GPA in all courses attempted as a graduate student has been maintained.

Normally no more than 15 credit hours of work completed before submitting your Plan of Study will be accepted toward degree program. Students working toward the MS (thesis option) degree may not register for thesis until their Plan of Study has been approved.