



FLORIDA ATLANTIC UNIVERSITY

Department of Electrical  
Engineering and  
Computer Science

College of Engineering &  
Computer Science

**M.S. in Information Technology & Management (EG-MS-EGIT-CSEC)**

**Concentration: Cybersecurity Concentration**

**Program Worksheet (30 credit hours total)**

Name: \_\_\_\_\_ Z#: \_\_\_\_\_ Starting Term: \_\_\_\_\_

Phone #: \_\_\_\_\_ Overall GPA: \_\_\_\_\_ Date: \_\_\_\_\_

**Degree Requirements**

Students can choose between thesis and non-thesis options. Both options require a minimum of 30 credit hours (crs). Regardless of the option chosen, all students must complete the following requirements:

- Maintain a minimum 3.00 GPA to remain and graduate from the program.
- All courses within the degree program must be completed with a letter grade of “C” or higher.
- A minimum of 15 credit hours must be taken at the 6000 level.
- A maximum of 3 credit hours of Directed Independent Study (DIS) can be taken (faculty approval required).
- After completing 18 credit hours of coursework, students are required to submit their program worksheet and Plan of Study (POS) to the Electrical Engineering & Computer Science (EECS) Department.
- Students who wish to pursue a minor or certificate program must apply and be accepted by 18 earned credits. Otherwise, they are ineligible to apply.

**Thesis Option Requirements**

- Students must secure a Thesis Advisor.
- Complete **6 credit hours** of Master’s Thesis over two semesters under the supervision of a faculty advisor.

**\*See additional Thesis Requirements on page 3\***

**IF Prerequisite Courses were Required for Admissions, list here. Must be completed within the first semester.**

Course Number & Title	Semester Taken	Grade

**Core Courses section- REQUIRED to take all three graduate courses (9 crs) from the list below.**

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

The program worksheet undergoes periodic review and is subject to change.  
This worksheet is intended to assist with tracking your coursework and completing the required POS.

**Cybersecurity Courses section-** Choose three courses (9 crs) from the list below. Substitutions are allowed for this section. Students are required to have advisor approval in writing.

Cybersecurity Course Number & Title	Semester Taken	Grade
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		

**Electrical Engineering & Computer Science (EECS) Department Courses section- If non-thesis option,** Choose any two graduate courses (6 crs) with prefixes of CAP, CDA, CEN, CIS, COP, COT, CTS, or CNT.

EECS Course Number & Title	Semester Taken	Grade

**Information Technology & Operations Management (ITOM) Electives-** Choose two electives (6 crs) from the list below.

ITOM Electives Course Number & Title	Semester Taken	Grade
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-** Complete 6 credit hours. Students are required to have a thesis form signed by a faculty advisor to register for thesis credits.

Thesis Course Number & Title	Semester Taken	Grade

**IF Directed Independent Study (DIS) course (3 crs) was completed, list below.** The faculty advisor will determine substitution. Students are required to have a DIS form signed by the advisor to register for a DIS course.

DIS Course Number & Title	Semester Taken	Grade

**Course Substitution section.** The EECS Department may approve course substitutions on a case-by-case basis. List approved course substitutions here. Students are required to have advisor approval in writing.

Substitution Course Number & Title	List Cybersecurity or ITOM	Semester Taken	Grade

**Failed Courses section.** List all failed courses here, with letter grades lower than a “C”.

Failed Course Number & Title	Semester Taken	Grade

**Eligibility Requirements for Thesis Candidacy:**

Students may apply for candidacy upon completing 9 credit hours of coursework and maintaining a 3.00 overall/cumulative GPA. Students must prepare a POS in consultation with their graduate advisor, detailing the courses necessary for fulfilling their degree requirements. Approval from the student’s advisor is required for all listed courses.

Students working toward the MS Thesis option degree may not register for thesis credits until their POS has been approved.

**The Thesis Committee is composed of:**

- At least three faculty members
- A minimum of two members are from the EECS Department
- The Committee Chair from the EECS Department

## How to Search for EECS Department Graduate Courses

When you perform a search on the Searchable Schedule, select the term. In the Department box, select Electrical Engin & Computer Sci. In the Level box, select Graduate. Then click on Search. This will display the entire course schedule of classes under the EECS department for that semester.

### Enter Your Search Criteria

Term: Spring 2025

Subject (ex: ENC for ENC1101)

Course # (ex: 1101 for ENC1101)

Departments

☒ Electric Engin & Computer Sci

Level

☒ Graduate

College

Part Of Term

Instructor

Campus

Keyword (With All Words)

Attributes (ex: GenEd)

Open Sections Only

☐

Search

[Clear](#)

[▶ Advanced Search](#)