



FLORIDA ATLANTIC UNIVERSITY

Department of Electrical
Engineering and
Computer Science
College of Engineering &
Computer Science

**M.S. in Artificial Intelligence (EG-MS-ARIN)
Program Worksheet (30 credit hours total)**

Name: _____ Z#: _____ Starting Term: _____

Phone #: _____ Overall GPA: _____ Date: _____

Are you pursuing a certificate ☐ or minor ☐ ? Certificate or Minor Program Name : _____

Did you submit your certificate or minor worksheet? Yes ☐ No ☐

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 into the program by the time they have earned 18 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 Numbers | Title | Semester Taken | Grade |
|----------------|-------|----------------|-------|
| | | | |
| | | | |
| | | | |

Core Courses section- Complete four courses (12 crs) from the list below if non-thesis or thesis.

| Core Course Numbers Title | Semester Taken | Grade |
|---|----------------|-------|
| CAP 5625 Computational Foundations of Artificial Intelligence | | |
| CAP 6635 Artificial Intelligence | | |
| CAP 6619 Deep Learning | | |
| CAP 6629 Reinforcement Learning | | |

Additional Core Course- Choose any one course (3crs) from the list below:

| Core Course Numbers Title | Semester Taken | Grade |
|--|----------------|-------|
| CAP 6415 Computer Vision <u>OR</u> -----> | | |
| CAP 6618 Machine Learning for Computer Vision <u>OR</u> -----> | | |
| CAP 6640 Natural Language Processing -----> | | |

EECS Department Electives section- Choose any five graduate courses (15 crs) offered by EECS if non-thesis and a minimum of 6 crs of 6000-level courses.

Choose any three graduate courses (9 crs) offered by EECS if thesis and a minimum of 3 crs of 6000-level courses. List electives below.

| EECS Elective Course Numbers Title | Semester Taken | Grade |
|------------------------------------|----------------|-------|
| | | |
| | | |
| | | |
| | | |
| | | |

Thesis Option- Complete 6 credit hours of Thesis. Students are required to have a thesis form signed by a faculty advisor to register for thesis credits.

| Course Numbers Title | Semester Taken | Grade |
|--|----------------|-------|
| CAP 6974 Master's Thesis Artificial Intelligence | | |
| CAP 6974 Master's Thesis Artificial Intelligence | | |

IF Directed Independent Study (DIS) course (3 crs) was completed, list below. A DIS will substitute for one EECS Elective. Students are required to have a DIS form signed by a faculty advisor to register for a DIS course.

| DIS Course Numbers 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 Numbers Title | List AI or EECS Elective | Semester Taken | Grade |
|-----------------------------------|--------------------------|----------------|-------|
| | | | |
| | | | |
| | | | |

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

| Failed Course Numbers 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 Perform 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) | <input type="text"/> |
| Course # (ex: 1101 for ENC1101) | <input type="text"/> |
| Departments | <input type="text" value="✕ Electric Engin & Computer Sci"/> |
| Level | <input type="text" value="✕ Graduate"/> |
| College | <input type="text"/> |
| Part Of Term | <input type="text"/> |
| Instructor | <input type="text"/> |
| Campus | <input type="text"/> |
| Keyword (With All Words) | <input type="text"/> |
| Attributes (ex: GenEd) | <input type="text"/> |
| Open Sections Only | <input type="checkbox"/> |

Search

[Clear](#)

[▶ Advanced Search](#)

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.

Starting Summer 2025 or later