# Master Program, International Program of Electrical Engineering and **Computer Science(IEECS)**

Course Map (Academic Year 2025)



Total: 32 Credits (8 Required + 24 Elective)



**Fall Semester** 

3 credits

3 credits

Elective Course

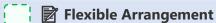
**Electronic Engineering Computer Engineering Communication and Signal Processing Electromagnetic Engineering Integrated Circuits and Systems** 

**Computer Science & Information Engineering** Software Engineering and Systems AI and Multimedia Systems Information Security and Network

**(1) Electro-Optical Engineering Optical Communications** Display Technology **Optical Engineering Optoelectronic Materials and Devices** 







## First Year (Year 1)

#### Graduate Seminar **Graduate Seminar** 1 credits 1 credits Elective Course Elective Course 3 credits 3 credits Elective Course Elective Course

3 credits Elective Course 3 credits

**Spring Semester** 

# Second Year (Year 2) & Beyond

Master's Thesis 3 credits

**Fall Semester** 

Elective Course

3 credits

Elective Course 3 credits

## **Spring Semester**

Master's Thesis 3 credits

Oral Defense **Upon Completion** 

**Important Notes** 

- **Total Credits:** 32 credits (8 Required + 24 Elective)
- ▲ Required Courses (8 credits):
  - Graduate Seminars: 2 credits (1+1)
    - First and second semesters
  - Master's Thesis: 6 credits (3+3)
    - Third and fourth semesters
  - Oral Defense: Graduation requirement (no additional credits)

## **S** Flexible Course Scheduling:

The elective course arrangement shown (9+9+6+0) is just one example. Students can distribute their 24 elective credits across semesters based on:

- Course availability each semester
- Personal academic planning
- Research focus and interests
- Advisor recommendations
- ★ Elective Courses (24 credits): From master- and doctoral-level courses in English from all departments of EECS College
- Language Requirement: All courses must be taught in English (Chinese and English combined courses not included). Courses not taught in English need advisor approval.
- Inter-College Option: Up to 6 credits out of 24 can be obtained from inter-college masterand doctoral-level courses upon advisor approval.