

ELECTRICAL AND COMPUTER ENGINEERING, M.ENG.

Degree Requirements

This program is meant to satisfy the particular needs of students and practicing engineers wishing to extend their studies on a broad basis of coursework and an engineering project.

The M.Eng. program in Electrical and Computer Engineering requires a minimum of 24 credit hours of advisor-approved coursework as follows:

- **Minimum:** 9 credit hours at or above the 7000 level from the ECE department
- **Maximum:** 9 credit hours of elective courses from the ECE department at or above the 4000 level and a maximum of 12 credit hours from other departments at or above the 3000 level
- **Project:** The student is required to complete an advisor-approved engineering project and proposal. The effort involved in this project should be at least the equivalent of 6 credit hours of coursework.

Expected Time to Graduate: 2 years

Progression Chart

Course	Title	Hours
Year 1		
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
ECE 7XXX	ECE Courses designated 7000 level or higher ¹⁻⁴	9
Select courses from the following: ¹⁻⁴		9
ECE 7XXX	ECE Courses designated 7000 level or higher	
Related Studies 7XXX	Related Studies Courses designated 7000 level or higher	
Select courses from the following: ¹⁻⁴		6
ECE 4XXX	ECE Courses designated 4000 level or higher	
XXX 3000	Courses designated 3000 level or higher outside of ECE	
Hours		24
Year 2		
GRAD 7000	Master's Thesis	0
Hours		0
Total Hours		24

¹ TBD (Course must be in the student's research field) – Must be approved by Academic Advisor. With permission from the Academic Advisor and Department students may take courses outside of ECE.

² A **minimum of at least 9 credit hours** at or above the 7000-level is required from the **Department of Electrical and Computer Engineering**.

³ A **minimum of 18 credit hours** at the 7000-level or higher is required. Of these 18-Credit Hours :

- **9 credit hours** must be from the ECE Graduate Program
- **9 credit hours** may come from other Departments relevant to the student course of study
- It is permissible for the **entire 24 credit hours, at the 7000-level or higher, from the Department of Electrical & Computer Engineering**

⁴ Up to 6 credit hours may come from the undergraduate program:

- **ECE Department:** At or above the 400/4000 level may make up the remainder of the required credit-hours
- **Other Department:** (within the student's study area): at or above the 300/3000 level may make up the remainder of the required credit-hours