

# Electrical Engineering (MEng) - Non-thesis

The Department of Electrical Engineering initiated the graduate program in 1967, offering courses leading to the Master's degree. In 1977, the graduate program was expanded to include studies leading to the Doctor of Philosophy degree. The graduate program offers studies and research in control engineering, antennas, communications, microwaves, applied microelectronics, power systems, signal processing, and solid state electronics. The combination of high-quality curriculum, research, faculty and facilities enables the department to provide excellent preparation for those who wish to embark on careers in electrical engineering.

**Program:** Electrical Engineering

**Type:** MEng

EECE-599 Thesis Courses (for Thesis Option) \*Note: A maximum of 6 thesis credits may be taken per semester. In addition, a maximum of 6 thesis credits may be counted toward the required credits for program completion.

Item #	Title	Credits
EECE-501	Graduate Seminar	0
EECE-502	Engineering Analysis A	3
EECE-503	Engineering Analysis B	3
EECE-541	Probability and Random Variable	3
EECE-604	Optimization Theory	3
<b>Sub-Total Credits</b>		<b>12</b>

## Electives

Options: Courses under subject code EECE at level 500 and above

Non-Thesis Option 21 crs

Item #	Title	Credits
	Electrical Engineering Elective	
<b>Sub-Total Credits</b>		<b>21</b>
<b>Total credits:</b>		<b>33</b>