

Master of Engineering (MEng) Program - ECE Department

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MEng Specialization Areas

There are 8 areas of MEng specialization:

- “ Communications
- “ Signal & Image Processing
- “ Software Engineering & Intelligent Systems
- “ Integrated Circuits and Systems
- “ Solid State Electronics
- “ Computer Engineering
- “ Control Systems
- “ Energy Systems

MEng Course Selection

Course requirement to graduate: **8 grad courses in total**

- 1) **4 Core Courses** – at least 4 core courses from your specialization
- 2) **4 Electives** – up to 4 grad courses within ECE; up to 2 technical grad courses from the Faculty of Science or other departments in the Faculty of Engineering; up to 2 Engineering Management grad courses
- 3) **INT D 710 Ethics and Academic Citizenship** – It is mandatory to be completed in the first year (Fall or Winter term)
- 4) **ECE 910 Capstone Project** – You are not allowed to take ECE 910 in the first term. It is generally taken in the final term. *Note: INT D 710 & ECE 910 do not count toward 8 courses requirement.*



Other Important Information

Potential plans for your program:

1 Year - 1st term: 4 courses, 2nd term: 4 courses + ECE 910 (**very intense**, not recommended)

1.5 Year - 1st term: 3 courses, 2nd term: 3 courses, 3rd term: 2 courses + ECE 910

2 Year - 1st term: 3 courses, 2nd term: 3 courses, 3rd term: 2 courses + 1 extra-to-degree-course, 4th term: ECE 910 (**extra course requires departmental and GPS approval**)

You need to be enrolled in at least 3 three-credit courses per term to maintain full-time registration status. International students must be full-time except for the final term

A minimum GPA of 2.7 is required for graduation. A GPA falling below 2.7 will lead to **academic probations with conditions**

Ensure that you add/drop any courses before the registration deadlines of the Fall and Winter terms (**Sept. 16 & Jan. 17**) to avoid fees. The 50% withdrawal fee deadlines are **Oct. 3 & Feb. 5**. The deadline to withdraw from a course after those dates to avoid a failed grade and probation is **Dec. 3 and April 2**



GPA Considerations

$$\sum (\text{Grade Point Value})(\text{Credits})$$

C+ or above = Pass For Grad Students
Most ECE graduate courses are 3 credits

Quality	Grade	Grade Point Value
Excellent	A+	4.0
	A	4.0
Very Good	A-	3.7
	B+	3.3
Good	B	3.0
	B-	2.7
Satisfactory	C+	2.3
	C	2.0
Dissatisfactory	C-	1.7
	D+	1.3
	D	1.0
Failure	F	0.0

MEng Seminar Series

A new seminar series is being offered for MEng students, where successful industry professionals will come to speak about their transition from academia to industry.

This is a great opportunity to network with local industry members, including some with MEng degrees.

5 planned seminars for Sep-Dec 2024.



Thank You For Attending!



Please contact ecegadv@ualberta.ca if you have any further questions or concerns about the MEng program.