## **Bachelor of Engineering (Honours)**

# Electrical Engineering Computer Engineering Major

Undergraduate Program - Consists of 64 units Suggested Study Plans from 2025 Commencement Onwards



### Program and Course requirements

For the **Bachelor of Engineering (Honours)** full program and course requirements, <u>click here</u>. Make sure to check your program's rules to ensure you are compliant with requirements.

### **Prerequisite Courses**

Students are expected to be aware if a course has prerequisites and must have successfully completed any required prerequisites before enrolling. A prerequisite course provides the foundational knowledge needed to progress to the next course and may be high school subjects or university-level study/courses.

Prerequisites are listed on the course profile and the course page on the <u>Programs and</u> Courses website.

#### **Electives**

Depending on your program, you may need to complete compulsory and elective courses.

Electives are courses you can choose, while compulsory courses are mandatory courses that you must study. You must successfully complete all the required units of elective and compulsory courses to meet the program requirements. Your program rules outline how many electives you can study and the types of electives you can choose from.

Search <u>Programs and Courses website</u> for your program to confirm program rules and elective options.

#### Academic Advice

Academic advisors provide specialist help in course selection and can look at your individual study history to make personalised recommendations on your study plan.

If you need assistance with your program, you can seek Academic Advice.

#### Additional Information

Course profiles are underlined and hyperlinked to their relevant course page which can be accessed by clicking the underlined text.

CRICOS: 00025B TEQSA: PRV12080

## **Bachelor of Engineering (Honours)**

# Electrical Engineering Computer Engineering Major

Undergraduate Program - Consists of 64 units Suggested Study Plan from Semester 1, 2025 Commencement Onwards



CREATE CHANGE

consist of 2 units

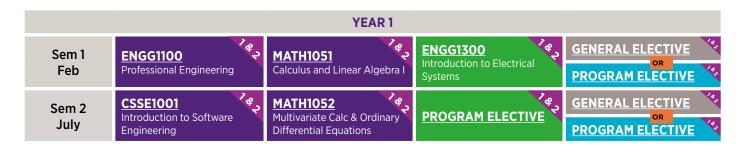
The following is a colour reference guide, including notes around course offerings and units:

Core Courses Specialisation Program Electives

General Electives Major

Course offered in both Semester 1 & 2

This course does not



YEAR 2							
Sem 1 Feb	CSSE2010 Introduction to Computer Systems	MATH2001 Calculus & Linear Algebra II	ELEC2300 Fundamentals of Electro- magnetism/mechanics	ELEC2400 Electronic Devices and Circuits			
Sem 2 July	ENGG2800 Team Project I	CSSE2310 Computer Systems Principles and Programming	MATH2010 <sup>1</sup> 1 unit 4	ELEC2004			
			STAT2201 <sup>1</sup> 1 unit 4	Circuits, Signals and Systems			

YEAR 3						
Sem 1 Feb	CSSE3010 Embedded Systems Design and Interfacing	ELEC3004 Signals, Systems and Control	METR4201 Control Engineering 1	CSSE2002 Programming in the Large		
Sem 2 July	ENGG3800 Team Project II	ELEC3100 Electromagnetic Field & Wave Fundamentals	COMP3506 Algorithms and Data Structures	PROGRAM ELECTIVE		

YEAR 4								
Sem 1 Feb	REIT4841 Research and Development Methods and Practice	ENGG4901 <sup>2</sup> Professional Practice and the Business Environment A	CSSE4011 Advanced Embedded Systems	PROGRAM ELECTIVE				
Sem 2 July		CSSE4010 Digital System Design	PROGRAM ELECTIVE	PROGRAM ELECTIVE				

#### **NOTES**

<sup>1</sup> MATH2010: Analysis of Ordinary Differential Equations, STAT2201: Analysis of Engineering & Scientific Data <sup>2</sup> Offered in Semester 2 under the course code <u>ENGG4902</u>, <u>Professional Practice and the Business Environment B</u>

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