Bachelor of Engineering (Honours) (Electrical and Electronic Engineering)

Useful study planning/enrolment resources:

- Subject Search
- Academic Calendars
- Class Registration
- Enrolment Resources

The information in the study planner is current at the time of creation may be subject to future change.

If you would prefer a part-time study plan, please adjust the below study planner; reviewing subject prerequisites to ensure you are on track for course completion.

	TEACHING PERIOD 1		TEACHING PERIOD 2	
2024	Study Period 1	MA1000:03 Mathematical Foundations *PREREQ: MA1020 or MA0020 or Maths B or Maths C*	Study Period 2	EG1010:03 Process Engineering
	Study Period 1	EG1002:03 Computing and Sensors	Study Period 2	EG1011:03 Statics and Dynamics *PREREQ: PH1005 or (Physics and Maths C)*
	Study Period 1	EG1000:03 Engineering 1	Study Period 2	EG1012:03 Electric Circuits
	Study Period 1	PH1005:03 Advanced Stream Physics *PREREQ: Maths B or MA1020 or MA0020 or MA1008*	Study Period 2	MA1003:03 Mathematical Techniques *PREREQ: MA1000 or MA1011 or MA1009*

2025	TEACHING PERIOD 1		TEACHING PERIOD 2	
	Study Period 1	MA2000:03 Mathematics for Scientists and Engineers *PREREQ: MA1003*	Study Period 2	**Major** EE2300:03 Electronics 1 *PREREQ: EG1012*
	Study Period 1	**Major** EE2201:03 Circuit Theory *PREREQ: EG1012 and MA2000. Allow concurrent enrolment for MA2000*	Study Period 2	**Major** CC2511:03 Embedded Systems Design *PREREQ: EG1002 or CP1300 or CP1404*
	Study Period 1	**Major** CC2510:03 Digital Logic and Computing Methods *PREREQ: EG1002 or CP1401*	Study Period 2	**Major** EE3600:03 Automatic Control 1 *PREREQ: EG1012 and MA2000*
	Study Period 1	**Major** PH2019:03 Introduction to Electromagnetism Optics and Early Quantum *PREREQ: (EG1012 or PH1005) and MA1003*	Study Period 2	Minor Subject/Elective Subject (depending on chosen structure)

2026	TEACHING PERIOD 1		TEACHING PERIOD 2	
	Study Period 1	EG3000:03 Introduction to Systems Engineering and Project Management *PREREQ: EG1000 and EG1002 and EG1010 and EG1011 and EG1012 and MA1000 and MA1003 and (PH1005 or EG1001) or 36 credit points*	Study Period 2	**Major** CC3501:03 Computer Interfacing and Control *PREREQ: CC2511*
	Study Period 1	**Major** EE3010:03 Digital Signal Processing *PREREQ: 48 credit points of subjects in BEng*	Study Period 2	**Major** EE3700:03 Communications Systems Principles *PREREQ: EE2201*
	Study Period 1	**Major** EE3300:03 Electronics 2 *PREREQ: EE2300*	Study Period 2	**Major** EE4600:03 Automatic Control 2 *PREREQ: EE3600*
	Study Period 1	**Major** EE3400:03 Power Engineering 1 *PREREQ: EE2201*	Study Period 2	Minor Subject/Elective Subject (depending on chosen structure)

	TEACHING PERIOD 1		TEACHING PERIOD 2	
2027	Study Period 1	EG4011:03 Thesis Part 1 of 2 *PREREQ:* 72 credit points in 116209	Study Period 2	EG4012:03 Thesis Part 2 of 2 *PREREQ: EG4011*
	Study Period 1	**Major** EE4010:03 Analog Signals and Filters *PREREQ: EE2201*	Study Period 2	**Major** EE4400:03 Power Engineering 2 *PREREQ:* EE3400
	Study Period 1	Minor Subject/Elective Subject (depending on chosen structure)	Study Period 2	**Major** EE4500:03 Electrical and Electronic Engineering Design *PREREQ: EE3600 and EE3300 and EE3001 or EE3010*
	Study Period 1	Minor Subject/Elective Subject (depending on chosen structure)	Study Period 2	**Major** EG4013:03 Asset Management, Maintenance and Reliability *PREREQ:* (EG1000 and EG1002 and EG1010 and EG1011 and EG1012 and MA1000 and MA1003 and (PH1005 or EG1001)) or 36 credit points

COURSE HANDBOOK

Bachelor of Engineering (Hons) Handbook

Electrical and Electronic Engineering Major