

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	
2023	Study Period 1	EG1000:03 Engineering 1		Study Period 2	EG1010:03 Process Engineering
	Study Period 1	EG1002:03 Computing and Sensors		Study Period 2	EG1011:03 Statics and Dynamics <i>PREREQ: PH1005 or (Physics and Maths C)</i>
	Study Period 1	MA1000:03 Mathematical Foundations <i>PREREQ: MA1020 or MA0020 or Maths B or Maths C</i>		Study Period 2	EG1012:03 Electric Circuits
	Study Period 1	PH1005:03 Advanced Stream Physics <i>PREREQ: Maths B or MA1020 or MA0020 or MA1008</i>		Study Period 2	MA1003:03 Mathematical Techniques <i>PREREQ: MA1000 or MA1011 or MA1009</i>

		TEACHING PERIOD 1		TEACHING PERIOD 2	
2024	Study Period 1	MA2000:03 Mathematics for Scientists and Engineers <i>PREREQ: MA1003</i>		Study Period 2	Major CC2511:03 Embedded Systems Design <i>PREREQ: EG1002 or CP1300 or CP1404</i>
	Study Period 1	Major CC2510:03 Digital Logic and Computing Methods <i>PREREQ: EG1002 or CP1401</i>		Study Period 2	Major EE2300:03 Electronics 1 <i>PREREQ: EG1012</i>
	Study Period 1	Major EE2201:03 Circuit Theory <i>PREREQ: EG1012 and MA2000. Allow concurrent enrolment for MA2000</i>		Study Period 2	Major EE3600:03 Automatic Control 1 <i>PREREQ: EG1012 and MA2000</i>
	Study Period 1	Major PH2019:03 Introduction to Electromagnetism Optics and Early Quantum <i>PREREQ: (EG1012 or PH1005) and MA1003</i>		Study Period 2	Minor Subject/Elective Subject (depending on chosen structure)

		TEACHING PERIOD 1		TEACHING PERIOD 2	
2025	Study Period 1	EG3000:03 Introduction to Systems Engineering and Project Management <i>PREREQ: EG1000 and EG1002 and EG1010 and EG1011 and EG1012 and MA1000 and MA1003 and (PH1005 or EG1001) or 36 credit points</i>	Study Period 2	Major CC3501:03 Computer Interfacing and Control <i>PREREQ: CC2511</i>	
	Study Period 1	Major EE3010:03 Digital Signal Processing <i>PREREQ: 48 credit points of subjects in BEng</i>	Study Period 2	Major EE3700:03 Communications Systems Principles <i>PREREQ: EE2201</i>	
	Study Period 1	Major EE3300:03 Electronics 2 <i>PREREQ: EE2300</i>	Study Period 2	Major EE4600:03 Automatic Control 2 <i>PREREQ: EE3600</i>	
	Study Period 1	Major EE3400:03 Power Engineering 1 <i>PREREQ: EE2201</i>	Study Period 2	Minor Subject/Elective Subject (depending on chosen structure)	

		TEACHING PERIOD 1		TEACHING PERIOD 2	
2026	Study Period 1	EG4011:03 Thesis Part 1 of 2 <i>PREREQ: 72 credit points in 116209</i>	Study Period 2	EG4012:03 Thesis Part 2 of 2 <i>PREREQ: EG4011</i>	
	Study Period 1	Major EE4010:03 Analog Signals and Filters <i>PREREQ: EE2201</i>	Study Period 2	Major EE4400:03 Power Engineering 2 <i>PREREQ: EE3400</i>	
	Study Period 1	Minor Subject/Elective Subject (depending on chosen structure)	Study Period 2	Major EE4500:03 Electrical and Electronic Engineering Design <i>PREREQ: EE3600 and EE3300 and EE3001</i>	
	Study Period 1	Minor Subject/Elective Subject (depending on chosen structure)	Study Period 2	Major EG4013:03 Asset Management, Maintenance and Reliability <i>PREREQ: (EG1000 and EG1002 and EG1010 and EG1011 and EG1012 and MA1000 and MA1003 and (PH1005 or EG1001)) or 36 credit points</i>	

COURSE HANDBOOK

[2023 Bachelor of Engineering \(Hons\) Handbook](#)
[Electrical and Electronic Engineering Major](#)