

## Bachelor of Engineering (Honours) (Electronic Systems and Internet of Things 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
<b>2023</b>	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
Study Period 1	<b>Major</b> EE2201:03 Circuit Theory <i>PREREQ: EG1012 and MA2000. Allow concurrent enrolment for MA2000</i>		Study Period 2	<b>Major</b> CC2511:03 Embedded Systems Design <i>PREREQ: EG1002 or CP1300 or CP1404</i>	
Study Period 1	<b>Major</b> CC2510:03 Digital Logic and Computing Methods <i>PREREQ: EG1002 or CP1401</i>		Study Period 2	Minor Subject/Elective Subject from List 1 (depending on chosen structure)	
Study Period 1	<b>Major</b> PH2019:03 Introduction to Electromagnetism Optics and Early Quantum <i>PREREQ: (EG012 or PH1005) and MA1003</i>				
		TRIMESTER 1	TRIMESTER 2	TRIMESTER 3	
				<b>Major</b> CP1404:03 Programming II <i>PREREQ: CP1801 or CP1401 or CP1200 or EG1002 or CP2200 or SC1201</i>	

		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
Study Period 1	<b>Major</b> EE3010:03 Digital Signal Processing <i>PREREQ: 48 credit points of subjects from BEng</i>		Study Period 2	<b>Major</b> EE3600:03 Automatic Control 1 <i>PREREQ: EG1012 and MA2000</i>	
Study Period 1	<b>Major</b> EE3901:03 Sensor Technologies <i>PREREQ: EE2201 and (CC2511 or CC2003)</i>		Study Period 2	<b>Major</b> EE3700:03 Communications Systems Principles <i>PREREQ: EE2201</i>	
Study Period 1	Minor Subject/Elective Subject (depending on chosen structure)		Study Period 2	<b>Major</b> MA3405:03 Statistical Data Mining for Big Data <i>PREREQ: MA2405 or MA2000 or SC2202 or SC2209</i>	

		TEACHING PERIOD 1	TEACHING PERIOD 2
<b>2026</b>	Study Period 1	EG4011:03 Thesis Part 1 of 2 <i>PREREQ:</i> 72 credit points in 116209	Study Period 2 EG4012:03 Thesis Part 2 of 2 <i>PREREQ:</i> EG4011
	Study Period 1	<b>Major</b> CC4510:03 Digital System Design <i>PREREQ:</i> CC3501	<b>Major</b> CC4950:03 Design Project <i>PREREQ:</i> CC3501 and (CC3910 or EE3700) and EE3901
	Study Period 1	<b>Major</b> CP3406:03 Mobile Computing <i>PREREQ:</i> (CP1404 or CP1804 and 18 credit points of CP subjects) or (CP1404 or CP1804 and admittance to BEng (course codes 102809 or 116209)	<b>Major</b> CP3404:03 Information Security <i>PREREQ:</i> CP2411 or CC3501 or (18 credit points of subjects including CP1402)
	Study Period 1	Minor Subject/Elective Subject (depending on chosen structure)	Study Period 2 Minor Subject/Elective Subject (depending on chosen structure)

### COURSE HANDBOOK

[2023 Bachelor of Engineering \(Hons\) Handbook](#)

[Electronic Systems and Internet of Things Engineering Major](#)