

Bachelor of Engineering (Honours) [Embedded] – Bachelor of Science

BEng (Electronic Systems and Internet of Things Engineering) – BSc Major not specified

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 1 <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	
2023	Study Period 1	MA2000:03 Mathematics for Scientists and Engineers <i>PREREQ: MA1003</i>	Study Period 2	BEng major EE2300:03 Electronics 1 <i>PREREQ: EG1012</i>	
	Study Period 1	BEng major EE2201:03 Circuit Theory <i>PREREQ: EG1012 and MA2000. Allow concurrent enrolment for MA2000.</i>	Study Period 2	BEng major CC2511:03 Embedded Systems Design <i>PREREQ: EG1002</i>	
	Study Period 1	BEng major CC2510:03 Digital Logic and Computing Methods <i>PREREQ: EG1002 or CP1401</i>	Study Period 2	BSc Major	
	Study Period 1	BSc Major			
		TRIMESTER 1	TRIMESTER 2	TRIMESTER 3	
				BEng major CP1404:03 Programming II <i>PREREQ: EG1002 or CP1401</i>	

		TEACHING PERIOD 1		TEACHING PERIOD 2	
2025	Study Period 1	SC2202:03 Quantitative Methods in Science <i>PREREQ: SC1102 OR SC1109</i> Or SC2209:03 Quantitative Methods in Science - Advanced <i>PREREQ: MA1003 and ((SC1109 plus 6 credit points of other Level 1 subjects) or admission in 116409)</i>	Study Period 2	BEng Major EE3700:03 Communications Systems Principles <i>PREREQ: EE2201</i>	
	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	BEng Major CC3501:03 Computing Interfacing and Control <i>PREREQ: CC2511</i>	
	Study Period 1	BEng Major PH2019:03 Introduction to Electromagnetism Optics and Early Quantum <i>PREREQ: (EG1012 or PH1005) and MA1003</i>	Study Period 2	BEng Major EE3600:03 Automatic Control 1 <i>PREREQ: EG1012 and MA2000</i>	
	Study Period 1	BSc Major	Study Period 2	BSc Major	

		TEACHING PERIOD 1		TEACHING PERIOD 2	
2026	Study Period 1	BEng major EE3010:03 Digital Signal Processing <i>PREREQ: 48 credit points of subjects</i>	Study Period 2	BEng major MA3405:03 Statistical Data Mining for Big Data <i>PREREQ: MA2405 or MA2000 or SC2202 or SC2209</i>	
	Study Period 1	BEng major CP3406:03 Mobile Computing <i>PREREQ: CP1404 or CP1804</i>	Study Period 2	BEng major CP3404:03 Information Security <i>PREREQ: (CP2414 or CC3501) and 18 credit points of subjects including CP1402</i>	
	Study Period 1	BSc Major	Study Period 2	BSc Major	
	Study Period 1	BSc Major	Study Period 2	BSc Major	

		TEACHING PERIOD 1		TEACHING PERIOD 2	
2027	Study Period 1	EG4011:03 Thesis Part 1 of 2 <i>PREREQ: 72 credit points of subjects</i>	Study Period 2	EG4012:03 Thesis Part 2 of 2 <i>PREREQ: EG4011</i>	
	Study Period 1	BEng major EE3901:03 Sensor Technologies <i>PREREQ: EE2201 and (CS2511 or CS2003)</i>	Study Period 2	BEng major CC4950:03 Design Project <i>PREREQ: CC3501 and (CC3901 or EE3700) and EE3901</i>	
	Study Period 1	BEng major CC4510:03 Digital System Design <i>PREREQ: CC3501</i>	Study Period 2	Select 3 credit points of any Level 2 or 3 Science subjects	
	Study Period 1	Select 3 credit points of any Level 2 or 3 Science subjects	Study Period 2	3 credit points of any undergraduate subject	

COURSE HANDBOOK

[2023 Bachelor of Engineering \(Honours\) \[Embedded\] – Bachelor of Science Handbook](#)

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