

# 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 2	EG1010:03 Process Engineering	
			Study Period 2	EG1012:03 Electric Circuits	
			Study Period 2	3 credit points of any level 2 or 3 science subject	
			Study Period 2	MA1020:03 Preparatory Mathematics <b>OR</b> Select 3 credit points of any undergraduate subject	

		TEACHING PERIOD 1		TEACHING PERIOD 2	
2024	Study Period 1	EG1000:03 Engineering 1		Study Period 2	EG1011:03 Statics and Dynamics <i>PREREQ: PH1005 or (Physics and Maths C)</i>
	Study Period 1	EG1002:03 Computing and Sensors		Study Period 2	MA1003:03 Mathematical Techniques <i>PREREQ: MA1000 or MA1011 or MA1009</i>
	Study Period 1	MA1000:03 Mathematical Foundations <i>PREREQ: MA1020 or MA0020 or Maths B or Maths C</i>		Study Period 2	<b>BEng major</b> EE2300:03 Electronics 1 <i>PREREQ: EG1012</i>
	Study Period 1	PH1005:03 Advanced Stream Physics 1 <i>PREREQ: Maths B or MA1020 or MA0020 or MA1008</i>		Study Period 2	
		<b>TRIMESTER 1</b>		<b>TRIMESTER 2</b>	
				<b>TRIMESTER 3</b>	
				<b>BEng major</b> CP1404:03 Programming II <i>PREREQ: EG1002 or CP1401</i>	

		TEACHING PERIOD 1		TEACHING PERIOD 2	
<b>2025</b>	Study Period 1	MA2000:03 Mathematics for Scientists and Engineers <i>PREREQ: MA1003</i>	Study Period 2	<b>BEng major</b> CC2511:03 Embedded Systems Design <i>PREREQ: EG1002</i>	
	Study Period 1	<b>BEng major</b> EE2201:03 Circuit Theory <i>PREREQ: EG1012 and MA2000. Allow concurrent enrolment for MA2000.</i>	Study Period 2	<b>BEng Major</b> EE3600:03 Automatic Control 1 <i>PREREQ: EG1012 and MA2000</i>	
	Study Period 1	<b>BEng major</b> CC2510:03 Digital Logic and Computing Methods <i>PREREQ: EG1002 or CP1401</i>	Study Period 2	<b>BEng Major</b> EE3700:03 Communications Systems Principles <i>PREREQ: EE2201</i>	
	Study Period 1	<b>BSc Major</b>	Study Period 2	<b>BSc Major</b>	

		TEACHING PERIOD 1		TEACHING PERIOD 2	
<b>2026</b>	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	<b>BEng major</b> CP3404:03 Information Security <i>PREREQ: (CP2414 or CC3501) and 18 credit points of subjects including CP1402</i>	
	Study Period 1	<b>BEng Major</b> PH2019:03 Introduction to Electromagnetism Optics and Early Quantum <i>PREREQ: (EG1012 or PH1005) and MA1003</i>	Study Period 2	<b>BEng major</b> MA3405:03 Statistical Data Mining for Big Data <i>PREREQ: MA2405 or MA2000 or SC2202 or SC2209</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	<b>BEng Major</b> CC3501:03 Computing Interfacing and Control <i>PREREQ: CC2511</i>	
	Study Period 1	<b>BSc Major</b>	Study Period 2	<b>BSc Major</b>	

		TEACHING PERIOD 1		TEACHING PERIOD 2	
<b>2027</b>	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	<b>BEng major</b> EE3010:03 Digital Signal Processing <i>PREREQ: 48 credit points of subjects</i>	Study Period 2	<b>BEng major</b> CC4950:03 Design Project <i>PREREQ: CC3501 and (CC3901 or EE3700) and EE3901</i>	
	Study Period 1	<b>BEng major</b> CP3406:03 Mobile Computing <i>PREREQ: CP1404 or CP1804</i>	Study Period 2	<b>BSc Major</b>	
	Study Period 1	<b>BSc Major</b>	Study Period 2	<b>BSc Major</b>	

		TEACHING PERIOD 1		TEACHING PERIOD 2	
<b>2028</b>	Study Period 1	<b>BEng major</b> EE3901:03 Sensor Technologies <i>PREREQ: EE2201 and (CS2511 or CS2003)</i>			
	Study Period 1	<b>BEng major</b> CC4510:03 Digital System Design <i>PREREQ: CC3501</i>			
	Study Period 1	3 credit points of any level 2 or 3 science subject			
	Study Period 1	<b>BSc Major</b>			

### COURSE HANDBOOK

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

[Mechanical Engineering Major](#)