

## Bachelor of Engineering (Honours) (Electronic Systems and Internet of Things Engineering) - Bachelor of Information Technology

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.

2024	TEACHING PERIOD 1		TEACHING PERIOD 2	
	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	PH1005:03 Advanced Stream Physics 1 <i>PREREQ: Maths B or MA1020 or MA0020 or MA1000 or MA1008. Allow concurrent for MA1000 and MA1008</i>	Study Period 2	EG1012:03 Electric Circuits
	Study Period 1	MA1000:03 Mathematical Foundations <i>PREREQ: MA1020 OR MA0020 OR Maths B OR Maths C OR Admission to 116209 or 116409 or 116309</i>	Study Period 2	MA1003:03 Mathematical Techniques <i>PREREQ: MA1000 or MA1011 or MA1009</i>

2025	TEACHING PERIOD 1		TEACHING PERIOD 2			
	Study Period 1	<b>Major</b> EE2201:03 Circuit Theory <i>PREREQ: EG1012 and MA2000. Allow concurrent enrolment in MA2000</i>	Study Period 2	<b>Major</b> EE2300:03 Electronics 1 <i>PREREQ: EG1012</i>		
	Study Period 1	<b>Major</b> CC2510:03 Digital Logic and Computing Methods <i>PREREQ: EG1002 or CP1401</i>	Study Period 2	<b>Major</b> CC2511:03 Embedded Systems Design <i>PREREQ: EG1002 or CP1300 or CP1404</i>		
	Study Period 1	MA2000:03 Mathematics for Scientists and Engineers <i>PREREQ: MA1003</i>				
	TRIMESTER 1		TRIMESTER 2		TRIMESTER 3	
	CP1402:03 Internet Fundamentals				CP1403:03 Design Thinking I	
					CP1404:03 Programming II <i>PREREQ: CP1801 or CP1401 or CP1200 or EG1002 or CP2200 or SC1201</i>	

2026	TEACHING PERIOD 1		TEACHING PERIOD 2			
	Study Period 1	<b>Major</b> PH2019:03 Introduction to Electromagnetism Optics and Early Quantum <i>PREREQ: (EG1012 or PH1005) and MA1003</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	<b>Major</b> EE3010:03 Digital Signal Processing <i>PREREQ: 48 credit points from BEng(Hons)</i>				
	TRIMESTER 1		TRIMESTER 2		TRIMESTER 3	
	Select 3 credit points of subjects from <b>List 1</b>				CP2404:03 Database Modelling	
					CP2406:03 Programming III <i>PREREQ: CP1404 or CP1804 or CP1300</i>	

2027	TEACHING PERIOD 1		TEACHING PERIOD 2	
	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 MA10003 and (PH1005 or EG1001) or 36 credit points</i>	Study Period 2	<b>Major</b> CC3501:03 Computer Interfacing and Control <i>PREREQ: CC2511</i>
	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3	
	CP3407:03 Advanced Software Engineering <i>PREREQ: CP1404 or CP1804 and 18 credit points of CP subjects) or (CP1404 or CP1804 and admittance to Bachelor of Engineering (Course codes 102809 or 116209 or 116309))</i>	<b>Major</b> CP3406:03 Mobile Computing <i>PREREQ: (CP1404 or CP1804 and 18 credit points of CP subjects)</i>	<b>Major</b> CP3404:03 Information Security <i>PREREQ: CP2414 or CC3501 or (18 credit points of subjects including CP1402)</i>	
	Select 3 credit points of subjects from <b>List 2</b>		Select 3 credit points of subjects from <b>List 2</b>	
			Select 3 credit points of subjects from <b>List 2</b>	

2028	TEACHING PERIOD 1		TEACHING PERIOD 2	
	Study Period 1	EG4011:03 Thesis Part 1 of 2 <i>PREREQ: 96 Credit Points in 116309</i>	Study Period 2	EG4012:03 Thesis Part 2 of 2 <i>PREREQ: EG4011</i>
	Study Period 1	<b>Major</b> CC4510:03 Digital System Design <i>PREREQ: CC3501</i>	Study Period 2	<b>Major</b> MA3405:03 Statistical Data Mining for Big Data <i>PREREQ: MA2405 or MA2000 or SC2202 or SC2209</i>
	Study Period 1	Select 3 credit points of any Undergraduate subjects <b>OR</b> if required to undertake MA1020:03 Preparatory Mathematics, select 3 credit points of any Undergraduate subjects	Study Period 2	<b>Major</b> CP4950:03 Design Project <i>PREREQ: CC3501 and (CC3910 or EE3700) and EE3901</i>
	Study Period 1	Select 3 credit points of any Undergraduate subjects <b>OR</b> if required to undertake MA1020:03 Preparatory Mathematics, select 3 credit points of any Undergraduate subjects	Study Period 2	<b>Major</b> Select 3 credit points of any Undergraduate subjects

## COURSE HANDBOOK

[Bachelor of Engineering - Bachelor of Information Technology Handbook](#)

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