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.

<table>
<tr><td rowspan="4">2024</td><td colspan="2">TEACHING PERIOD 1</td><td colspan="2">TEACHING PERIOD 2</td></tr>
<tr><td>Study Period 1</td><td>EG1000:03 Engineering 1</td><td>Study Period 2</td><td>EG1010:03 Process Engineering</td></tr>
<tr><td>Study Period 1</td><td>EG1002:03 Computing and Sensors</td><td>Study Period 2</td><td>EG1011:03 Statics and Dynamics
PREREQ: PH1005 OR (Physics and Maths C)</td></tr>
<tr><td>Study Period 1</td><td>PH1005:03 Advanced Stream Physics 1
PREREQ: Maths B or MA1020 or MA0020 or MA1000 or MA1008. Allow concurrent for MA1000 and MA1008</td><td>Study Period 2</td><td>EG1012:03 Electric Circuits PREREQ:</td></tr>
<tr><td></td><td></td><td></td><td>MA1000 or MA1011 or MA1009</td></tr>
</table>

		TEACHING PERIOD 1		TEACHING PERIOD 2
2025	Study Period 1	Major EE2201:03 Circuit Theory PREREQ: EG1012 and MA2000. Allow concurrent enrolment in MA2000	Study Period 2	Major EE2300:03 Electronics 1 PREREQ: EG1012
	Study Period 1	Major CC2510:03 Digital Logic and Computing Methods PREREQ: EG1002 or CP1401	Study Period 2	Major CC2511:03 Embedded Systems Design PREREQ: EG1002 or CP1300 or CP1404
	Study Period 1	MA2000:03 Mathematics for Scientists and Engineers PREREQ: MA1003		

TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
CP1402:03 Internet Fundamentals		CP1403:03 Design Thinking I
		CP1404:03 Programming II PREREQ: CP1801 or CP1401 or CP1200 or EG1002 or CP2200 or SC1201

		TEACHING PERIOD 1		TEACHING PERIOD 2
2026	Study Period 1	Major PH2019:03 Introduction to Electomagnetism Optics and Early Quantum PREREQ: (EG1012 or PH1005) and MA1003	Study Period 2	Major EE3600:03 Automatic Control 1 PREREQ: EG1012 and MA2000
	Study Period 1	Major EE3901:03 Sensor Technologies PREREQ: EE2201 and (CC2511 or CC2003)	Study Period 2	Major EE3700:03 Communications Systems Principles PREREQ: EE2201
	Study Period 1	Major EE3010:03 Digital Signal Processing PREREQ: 48 credit points from BEng(Hons)		

TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
Select 3 credit points of subjects from List 1		CP2404:03 Database Modelling
		CP2406:03 Programming III PREREQ: CP1404 or CP1804 or CP1300

	TEACHING PERIOD 1		TEACHING PERIOD 2	
2027	Study Period 1	EG3000:03 Introduction to Systems Engineering and Project Management PREREQ: EG1000 and EG1002 and EG1010 and EG1011 and EG1012 and MA1000 and MA10003 and (PH1005 or EG1001)or 36 credit points	Study Period 2	Major CC3501:03 Computer Interfacing and Control PREREQ: CC2511

TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
CP3407:03 Advanced Software Engineering 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))	Major CP3406:03 Mobile Computing PREREQ: (CP1404 or CP1804 and 18 credit points of CP subjects)	Major CP3404:03 Information Security PREREQ: CP2414 or CC3501 or (18 credit points of subjects including CP1402)
Select 3 credit points of subjects from List 2		Select 3 credit points of subjects from List 2
		Select 3 credit points of subjects from List 2

PERIOD 1	TEACHING PERIOD 2