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	
2024	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 *PREREQ: PH1005 or (Physics and Maths C)*
	Study Period 1	MA1000:03 Mathematical Foundations *PREREQ: MA1020 or MA0020 or Maths B or Maths C*	Study Period 2	EG1012:03 Electric Circuits
	Study Period 1	PH1005:03 Advanced Stream Physics *PREREQ: Maths B or MA1020 or MA0020 or MA1008*	Study Period 2	MA1003:03 Mathematical Techniques *PREREQ: MA1000 or MA1011 or MA1009*

2025	TEACHING PERIOD 1		TEACHING PERIOD 2	
	Study Period 1	MA2000:03 Mathematics for Scientists and Engineers *PREREQ: MA1003*	Study Period 2	**BEng major** EE2300:03 Electronics 1 *PREREQ: EG1012*
	Study Period 1	**BEng major** EE2201:03 Circuit Theory *PREREQ: EG1012 and MA2000. Allow concurrent enrolment for MA2000.*	Study Period 2	**BEng major** CC2511:03 Embedded Systems Design *PREREQ: EG1002*
	Study Period 1	**BEng major** CC2510:03 Digital Logic and Computing Methods *PREREQ: EG1002 or CP1401*	Study Period 2	**BSc Major**
	Study Period 1	**BSc Major**		
	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3	
			BEng Major CP1404:03 Programming II *PREREQ: EG1002 or CP1401*	

2026	TEACHING PERIOD 1		TEACHING PERIOD 2	
	Study Period 1	SC2202:03 Quantitative Methods in Science *PREREQ: SC1102 OR SC1109 OR ADMISSION TO BACHELOR OF BUSINESS AND ENVIRONMENTAL SCIENCE OR ADMISSION TO BACHELOR OF ENGINEERING (HONOURS)* **OR** SC2209:03 Quantitative Methods in Science – Advanced *PREREQ: MA1003 and ((SC1109 plus 6 credit points of other Level 1 subjects) or admission in 116409)*	Study Period 2	**BEng Major** EE3700:03 Communications Systems Principles *PREREQ: EE2201*
	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 MA1003 and (PH1005 or EG1001) or 36 credit points*	Study Period 2	**BEng Major** CC3501:03 Computing Interfacing and Control *PREREQ: CC2511*
	Study Period 1	**BEng Major** PH2019:03 Introduction to Electromagnetism Optics and Early Quantum *PREREQ: (EG1012 or PH1005) and MA1003*	Study Period 2	**BEng Major** EE3600:03 Automatic Control 1 *PREREQ: EG1012 and MA2000*
	Study Period 1	**BSc Major**	Study Period 2	**BSc Major**

	TEACHING PERIOD 1		TEACHING PERIOD 2	
2027	Study Period 1	**BEng Major** EE3010:03 Digital Signal Processing *PREREQ: 48 credit points of subjects*	Study Period 2	**BEng Major** MA3405:03 Statistical Data Mining for Big Data *PREREQ: MA2405 or MA2000 or SC2202 or SC2209*
	Study Period 1	**BEng Major** CP3406:03 Mobile Computing *PREREQ: CP1404 or CP1804*	Study Period 2	**BEng Major** CP3404:03 Information Security *PREREQ: (CP2414 or CC3501) and 18 credit points of subjects including CP1402*
	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	
2028	Study Period 1	EG4011:03 Thesis Part 1 of 2 *PREREQ: 72 credit points of subjects*	Study Period 2	EG4012:03 Thesis Part 2 of 2 *PREREQ: EG4011*
	Study Period 1	**BEng Major** EE3901:03 Sensor Technologies *PREREQ: EE2201 and (CS2511 or CS2003)*	Study Period 2	**BEng Major** CC4950:03 Design Project *PREREQ: CC3501 and (CC3901 or EE3700) and EE3901*
	Study Period 1	**BEng Major** CC4510:03 Digital System Design *PREREQ: CC3501*	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

ADDITIONAL INFORMATION

Students are expected to complete the core Level 1 Engineering subjects of the course before commencing their chosen major.

COURSE HANDBOOK

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Electronic Systems and Internet of Things Engineering Major