



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

BEng (Mechanical 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	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

		TEACHING PERIOD 1	TEACHING PERIOD 2
2025	Study Period 1	MA2000:03 Mathematics for Scientists and Engineers PREREQ: MA1003	Study Period 2 BEng Major ME2525:03 Machine Element Design PREREQ: CS2001
	Study Period 1	BEng Major ME2512:03 Thermofluid Mechanics PREREQ: EG1011	Study Period 2 BEng Major EG2010:03 Materials Science and Engineering
	Study Period 1	BEng Major CS2001 Engineering Strength of Materials PREREQ: EG1011	Study Period 2 BEng Major CS3008:03 Fluid Mechanics PREREQ: MA2000 and ME2512
	Study Period 1	BSc Major	Study Period 2 BSc Major



		TEACHING PERIOD 1		TEACHING PERIOD 2	
2026	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 ME3512:03 Heat and Mass Transfer PREREQ: MA2000
	Study Period 1	EG3000:03 Introduction to Systems Engineering and Project Management PREREQ: EG1000 and EG1002 and EG1010 and EG1011		Study Period 2	BEng Major EE3600:03 Automatic Control 1 PREREQ: EG102 a c19.8 (n)10.6 (d)TJ 0 Tw 10.485 0 Td ( )Tj 0.02
		Study Period 2			



		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 ME3511:03 Dynamics and Acoustics PREREQ: MA2000 and ME2521	Study Period 2	BEng Major ME4515:03 Advanced Mechanical Engineering Design PREREQ: ME3525	
	Study Period 1	BEng Major ME4513:03 Advanced Fluid Mechanics PREREQ: CS3008	Study Period 2	BEng Major ME4522:03 Energy, Conversion and Refrigeration PREREQ: ME2512	
	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

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

[Mechanical Engineering Major](#)