

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	
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 OR 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	BEng Major EG2010:03 Materials Science and Engineering
	Study Period 1	PH1005:03 Advanced Stream Physics 1 <i>PREREQ: Maths B or MA1020 or MA0020 or MA1008</i>		Study Period 2	BSc Major

		TEACHING PERIOD 1		TEACHING PERIOD 2	
2025	Study Period 1	MA2000:03 Mathematics for Scientists and Engineers <i>PREREQ: MA1003</i>	Study Period 2	BEng Major ME2525:03 Machine Element Design <i>PREREQ: CS2001</i>	
	Study Period 1	BEng Major CS2001 Engineering Strength of Materials <i>PREREQ: EG1011</i>	Study Period 2	BEng Major CS3008:03 Fluid Mechanics <i>PREREQ: MA2000 and ME2512</i>	
	Study Period 1	BEng Major ME2512:03 Thermofluid Mechanics <i>PREREQ: EG1011</i>	Study Period 2	BEng Major ME3512:03 Heat and Mass Transfer <i>PREREQ: MA2000</i>	
	Study Period 1	BSc Major	Study Period 2	BEng Major EE3600:03 Automatic Control 1 <i>PREREQ: EG1012 and MA2000</i>	

		TEACHING PERIOD 1		TEACHING PERIOD 2	
2026	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	BEng Major ME3515:03 Advanced Manufacturing Engineering <i>PREREQ: ME2525 and EG2010</i>	
	Study Period 1	BEng Major ME2521:03 Dynamics of Machine Elements <i>PREREQ: EG1011</i>	Study Period 2	BEng Major ME3525:03 Mechanical Design <i>PREREQ: ME2525</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	BEng Major EG4013:03 Asset Management, Maintenance and Reliability <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 1	BSc Major	Study Period 2	BSc Major	

		TEACHING PERIOD 1		TEACHING PERIOD 2	
2027	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	Select 3 credit points of any Level 2 or 3 Science subjects	Study Period 2	BSc Major	
	Study Period 1	BEng Major EG3001:03 Finite Element Analysis <i>PREREQ: EG1002 and EG1011 and MA2000</i>	Study Period 2	BEng Major ME4522:03 Energy, Conversion and Refrigeration <i>PREREQ: ME2512</i>	
	Study Period 1	BSc Major	Study Period 2	BEng Major ME4515:03 Advanced Mechanical Engineering Design <i>PREREQ: ME3525</i>	

		TEACHING PERIOD 1		TEACHING PERIOD 2	
2028	Study Period 1	BEng Major ME3511:03 Dynamics and Acoustics <i>PREREQ: MA2000 and ME2521</i>			
	Study Period 1	BEng Major ME4513:03 Advanced Fluid Mechanics <i>PREREQ: CS3008</i>			
	Study Period 1	BSc Major			
	Study Period 1	BSc Major			

COURSE HANDBOOK

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

[Mechanical Engineering Major](#)