

Bachelor of Engineering (Mechanical) (Honours), Master of Engineering Management 2024 Study Planner



Science & Engineering

Semester 1:

First Level	Semester 1	ENGR1721 Engineering Programming	ENGR1711 Engineering Design	PHYS1101 Physics 1A	MATH1121 Mathematics 1A
	Semester 2	ENGR1201 Electronics	ENGR1401 Professional Skills	ENGR1722 Engineering Materials and Systems	MATH1122 Mathematics 1B
Second Level	Semester 1	ENGR2711 Engineering Mathematics	ENGR2741 Mechanics and Structures	ENGR2751 Fluid Mechanics	Year 2 Major Topic
	NS2	ENGR2703 Mechanical Practice Certificate (0 units)			
	Semester 2	ENGR2771 Dynamics	PHYS2712 Thermodynamics and Energy Systems	Year 2 Major Topic	Year 2 Major Topic
Third Level	Semester 1	ENGR3751 Solid Mechanics	Year 3 Major Topic	Year 3 Major Topic	Year 3 Major Topic
	NS1	ENGR3750 Workplace Preparation (0 units)			
	Semester 2	ENGR9704 Engineering Management (NS2)	ENGR3700 Engineering Practicum (13.5 units) OR ENGR3710 International Engineering Practicum (13.5 units)		
Fourth level	Semester 1	ENGR7811 Advanced Mechanical Design	ENGR9004 Production Engineering GE	BUSN9148 Marketing in a Digital Age	DSGN8702 Design for Manufacture GE
	Semester 2	ENGR9742 Systems Engineering	BUSN9123 Upholding Business Law and Regulations	Year 4 Major Topic	Year 4 Major Topic
Fifth Level	Semester 1	STEM7003 Research Methods for Engineering and ICT Honours	STEM7004A Honours Research Project (4.5/13.5 units)	Engineering Management Option Topic	Engineering Management Option Topic
	Semester 2	STEM7004B Honours Research Project (4.5/13.5 units)	STEM7004C Honours Research Project (4.5/13.5 units)	Engineering Management Option Topic	Engineering Management Option Topic

Semester 2:

First Level	Semester 2	ENGR1201 Electronics	ENGR1401 Professional Skills	ENGR1722 Engineering Materials and Systems	MATH1121 Mathematics 1A
	Semester 1	ENGR1711 Engineering Design	ENGR1721 Engineering Programming	PHYS1101 Physics 1A	MATH1122 Mathematics 1B
Second Level	Semester 2	ENGR2771 Dynamics	PHYS2712 Thermodynamics and Energy Systems	Year 2 Major Topic	Year 2 Major Topic
	Semester 1	ENGR2711 Engineering Mathematics	ENGR2741 Mechanics and Structures	ENGR2751 Fluid Mechanics	Year 2 Major Topic
	NS1	ENGR2703 Mechanical Practice Certificate (0 units)			
	NS1	ENGR3750 Workplace Preparation (0 units)			
Third Level	Semester 2	ENGR9704 Engineering Management (NS2)	ENGR3700 Engineering Practicum (13.5 units) OR ENGR3710 International Engineering Practicum (13.5 units)		
	Semester 1	ENGR3751 Solid Mechanics	Year 3 Major Topic	Year 3 Major Topic	Year 3 Major Topic
Fourth level	Semester 2	ENGR9742 Systems Engineering	BUSN9123 Upholding Business Law and Regulations	Year 4 Major Topic	Year 4 Major Topic
	Semester 1	ENGR7811 Advanced Mechanical Design	ENGR9004 Production Engineering GE	BUSN9148 Marketing in a Digital Age	DSGN8702 Design for Manufacture GE
Fifth Level	Semester 1	STEM7003 Research Methods for Engineering and ICT Honours	STEM7004A Honours Research Project (4.5/13.5 units)	Engineering Management Option Topic	Engineering Management Option Topic
	Semester 2	STEM7004B Honours Research Project (4.5/13.5 units)	STEM7004C Honours Research Project (4.5/13.5 units)	Engineering Management Option Topic	Engineering Management Option Topic

Key:

Core Topics	Compulsory topic
Option Topics	A choice from a list of specified topics (please refer to course rule)

Please note:

- This document is provided as a guide only. Students are responsible for ensuring that they have completed their study according to the official [Course Rule](#).
- Topic information for all topics, including pre-requisites can be found on the [Topic Page](#)
- General enrolment assistance is available via [Ask Flinders](#)
- For specific course advice e-mail: courseadvice.SE@flinders.edu.au