

Bachelor of Engineering (Electrical and Electronic) (Honours) 2024 Study Planner



Science & Engineering

Semester 1 Start:

First Level	Semester 1	ENGR1711 Engineering Design	ENGR1721 Engineering Programming	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	COMP2711 Computer Programming 2	ENGR2711 Engineering Mathematics	ENGR2731 Electronic Circuits	Year 2 Major Topic
	NS1	ENGR2705 Working in Secure and Sensitive Professions (0 units) - OPTIONAL			
	Semester 2	ENGR2702 Electrical Circuits and Machines	ENGR2712 Automation and Industrial Control	ENGR2722 Signals and Systems	ENGR2772 Sensors and Actuators
Third Level	Semester 1	Year 3 Major Topic	Year 3 Major Topic	Year 3 Major Topic	Year 3 Major Topic
	NS	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	DSGN8702 Design for Manufacture GE	BUSN9148 Marketing in a Digital Age	ENGR9004 Production Engineering GE	Year 4 Major Topic
	Semester 2	BUSN9123 Upholding Business Law and Regulations	ENGR9742 Systems Engineering	Year 4 Major Topic	Year 4 Major Topic

Fifth Level	Semester 1	STEM7003 Research Methods for Engineering and ICT Honours	STEM7004A Honours Research Project (4.5/15 units)	Engineering Management Option Topic	Engineering Management Option Topic
	Semester 2	STEM7004B Honours Research Project (4.5/15 units)	STEM7004C Honours Research Project (4.5/15 units)	Engineering Management Option Topic	Engineering Management Option Topic

Semester 2 Start:

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
	NS1	ENGR2705 Working in Secure and Sensitive Professions (0 units) – OPTIONAL			
Second Level	Semester 2	ENGR2702 Electrical Circuits and Machines	ENGR2712 Automation and Industrial Control	ENGR2722 Signals and Systems	ENGR2772 Sensors and Actuators
	NS1	ENGR3750 Workplace Preparation (0 units)			
	Semester 1	COMP2711 Computer Programming 2	ENGR2711 Engineering Mathematics	ENGR2731 Electronic Circuits	Year 2 Major Topic
Third Level	Semester 2	ENGR9704 Engineering Management (NS2)	ENGR3700 Engineering Practicum (13.5 units) OR ENGR3710 International Engineering Practicum (13.5 units)		
	Semester 1	Year 3 Major Topic	Year 3 Major Topic	Year 3 Major Topic	Year 3 Major Topic
Fourth Level	Semester 2	BUSN9123 Upholding Business Law and Regulations	ENGR9742 Systems Engineering	Year 4 Major Topic	Year 4 Major Topic
	Semester 1	DSGN8702 Design for Manufacture GE	BUSN9148 Marketing in a Digital Age	ENGR9004 Production Engineering GE	Year 4 Major Topic

Fifth Level	Semester 2	STEM7003 Research Methods for Engineering and ICT Honours	STEM7004A Honours Research Project (4.5/15 units)	Engineering Management Option Topic	Engineering Management Option Topic
	Semester 1	STEM7004B Honours Research Project (4.5/15 units)	STEM7004C Honours Research Project (4.5/15 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)
Major Topics	A topic from the Engineering major selected

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