

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



Science & Engineering

## Semester 1 Start:

First Level	Semester 1	<b>ENGR1711</b> Engineering Design	<b>ENGR1721</b> Engineering Programming	<b>PHYS1101</b> Physics 1A	<b>MATH1121</b> Mathematics 1A
	Semester 2	<b>ENGR1201</b> Electronics	<b>ENGR1401</b> Professional skills	<b>ENGR1722</b> Engineering Materials and Systems	<b>MATH1122</b> Mathematics 1B
Second Level	Semester 1	<b>COMP2711</b> Computer Programming 2	<b>ENGR2711</b> Engineering Mathematics	<b>ENGR2731</b> Electronic Circuits	<b>Year 2 Major Topic</b>
	NS1	<b>ENGR2705</b> Working in Secure and Sensitive Professions (0 units) - OPTIONAL			
	Semester 2	<b>ENGR2702</b> Electrical Circuits and Machines	<b>ENGR2712</b> Automation and Industrial Control	<b>ENGR2722</b> Signals and Systems	<b>ENGR2772</b> Sensors and Actuators
Third Level	Semester 1	<b>Year 3 Major Topic</b>	<b>Year 3 Major Topic</b>	<b>Year 3 Major Topic</b>	<b>Year 3 Major Topic</b>
	NS	<b>ENGR3750</b> Workplace Preparation (0 units)			
	Semester 2	<b>ENGR9704</b> Engineering Management (NS2)	<b>ENGR3700</b> Engineering Practicum (13.5 units) <b>OR</b> <b>ENGR3710</b> International Engineering Practicum (13.5 units)		
Fourth Level	Semester 1	<b>STEM7003</b> Research Methods for Engineering and ICT Honours	<b>STEM7004A</b> Honours Research Project (4.5/13.5 units)	<b>Year 4 Major Topic</b>	<b>Year 4 Major Topic</b>
	Semester 2	<b>STEM7004B</b> Honours Research Project (4.5/13.5 units)	<b>STEM7004C</b> Honours Research Project (4.5/13.5 units)	<b>ENGR9742</b> Systems Engineering	<b>Year 4 Major Topic</b>

## Semester 2 Start:

First Level	Semester 2	<b>ENGR1201</b> Electronics	<b>ENGR1401</b> Professional skills	<b>ENGR1722</b> Engineering Materials and Systems	<b>MATH1121</b> Mathematics 1A
	Semester 1	<b>ENGR1711</b> Engineering Design	<b>ENGR1721</b> Engineering Programming	<b>PHYS1101</b> Physics 1A	<b>MATH1122</b> Mathematics 1B
	NS1	ENGR2705 Working in Secure and Sensitive Professions (0 units) – OPTIONAL			
Second Level	Semester 2	<b>ENGR2702</b> Electrical Circuits and Machines	<b>ENGR2712</b> Automation and Industrial Control	<b>ENGR2722</b> Signals and Systems	<b>ENGR2772</b> Sensors and Actuators
	NS1	ENGR3750 Workplace Preparation (0 units)			
	Semester 1	<b>COMP2711</b> Computer Programming 2	<b>ENGR2711</b> Engineering Mathematics	<b>ENGR2731</b> Electronic Circuits	Year 2 Major Topic
Third Level	Semester 2	<b>ENGR9704</b> Engineering Management (NS2)	<b>ENGR3700</b> Engineering Practicum (13.5 units) <b>OR</b> <b>ENGR3710</b> 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	<b>STEM7003</b> Research Methods for Engineering and ICT Honours	<b>STEM7004A</b> Honours Research Project (4.5/13.5 units)	<b>ENGR9742</b> Systems Engineering	Year 4 Major Topic
	Semester 1	<b>STEM7004B</b> Honours Research Project (4.5/13.5 units)	<b>STEM7004C</b> Honours Research Project (4.5/13.5 units)	Year 4 Major Topic	Year 4 Major 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](mailto:courseadvice.SE@flinders.edu.au)

*This guide is correct at time of publishing but is subject to change October 2023*