

Bachelor of Engineering (Robotics)(Honours) 2023 Study Planner



Science & Engineering

Semester 1 Start:

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	COMP2711 Computer Programming 2	ENGR2711 Engineering Mathematics	ENGR2731 Electronic Circuits	Year 2 Option topic
	Semester 2	ENGR2702 Electrical Circuits and Machines	ENGR2712 Automation and Industrial Control	ENGR2722 Signals and Systems	ENGR2772 Sensors and Actuators
Third Level	Semester 1	ENGR3701 Computer Organisation and Design	ENGR3711 Control Systems	ENGR3721 Signal Processing	ENGR3771 Robotic Systems
	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	STEM7003 Research Methods for Engineering and ICT Honours	STEM7004A Honours Research Project (4.5/15 units)	ENGR7732 Estimation and Machine Learning	Year 4 Option topic
	Semester 2	STEM7004B Honours Research Project (4.5/15 units)	STEM7004C Honours Research Project (4.5/15 units)	ENGR9742 Systems Engineering	ENGR7712 Autonomous Systems

Semester 2 Start:

First Level	Semester 2	ENGR1201 Electronics	ENGR1401 Professional skills	ENGR1722 Engineering Materials and Systems	MATH1121 Mathematics 1A
	Semester 1	ENGR1721 Engineering Programming	ENGR1711 Engineering Design	PHYS1101 Physics 1A	MATH1122 Mathematics 1B
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 Option 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	ENGR3701 Computer Organisation and Design	ENGR3711 Control Systems	ENGR3721 Signal Processing	ENGR3771 Robotic Systems
Fourth Level	Semester 2	STEM7003 Research Methods for Engineering and ICT Honours	STEM7004A Honours Research Project (4.5/15 units)	ENGR9742 Systems Engineering	ENGR7712 Autonomous Systems
	Semester 1	STEM7004B Honours Research Project (4.5/15 units)	STEM7004C Honours Research Project (4.5/15 units)	ENGR7732 Estimation and Machine Learning	Year 4 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