Bachelor of Engineering (Robotics)(Honours)
2024 Study Planner

Flinders University
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

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

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