

Bachelor of Engineering Technology (Systems and Security)



Science & Engineering

2024 Study Planner

Semester 1 Start:

First Level	Semester 1	ENGR1401 Professional Skills	ENGR1711 Engineering Design	ENGR1721 Engineering Programming	MATH1701 Algebra and Functions
	Semester 2	ENGR1201 Electronics	ENGR1722 Engineering Materials and Systems	MATH1121 Mathematics 1A	COMP2712 Neural Networks and Machine Learning
Second Level	Semester 1	COMP2711 Computer Programming 2	ENGR2731 Electronic Circuits	MATH1122 Mathematics 1B	PHYS1101 Physics 1A
	NS1	ENGR2705 Working in Secure and Sensitive Professions (0 units)			
	Semester 2	ENGR2702 Electrical Circuits and Machines	ENGR2711 Engineering Mathematics	ENGR2722 Signals and Systems	PHYS1102 Physics 1B
Third Level	Semester 1	ENGR2861 Electromagnetics and Electromagnetic Waves	ENGR3891 Electromagnetic Technologies, Systems and Security	ENGR7710A Engineering Project A	Year 3 Option topic ENGR3721 or ENGR3731
	NS1	ENGR3750 Workplace Preparation (0units)			
	Semester 2	ENGR7710B Engineering Project B	ENGR7102 The Global Positioning Systems	ENGR9405 Engineering Work Experience (Complete over Summer)	ENGR9704 Engineering Management

Semester 2 Start:

First Level	Semester 2	ENGR1201 Electronics	ENGR1401 Professional Skills	ENGR1722 Engineering Materials and Systems	MATH1701 Algebra and Functions
	Semester 1	ENGR1721 Engineering Programming	ENGR1711 Engineering Design	MATH1121 Mathematics 1A	PHYS1101 Physics 1A
	NS1	ENGR2705 Working in Secure and Sensitive Professions (0 units)			
Second Level	Semester 2	COMP2712 Neural Networks and Machine Learning	ENGR2722 Signals and Systems	MATH1122 Mathematics 1B	PHYS1102 Physics 1B
	Semester 1	COMP2711 Computer Programming 2	ENGR2702 Electrical Circuits and Machines	ENGR2711 Engineering Mathematics	ENGR2731 Electronic Circuits
	NS1	ENGR3750 Workplace Preparation (0 units)			
Third Level	Semester 2	ENGR7710A Engineering Project A	ENGR7102 The Global Positioning Systems	ENGR9405 Engineering Work Experience (Complete over Summer)	ENGR9704 Engineering Management
	Semester 1	ENGR2861 Electromagnetics and Electromagnetic Waves	ENGR3891 Electromagnetic Technologies, Systems and Security	ENGR7710B Engineering Project B	Year 3 Option topic ENGR3721 or ENGR3731

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