

2020 Study Plan Template

Bachelor of Engineering (Electronics) (Honours)

Please note that this document is provided as a guide only. Students are responsible for ensuring that they have completed 144 units of study according to the official course rule available at <https://students.flinders.edu.au/my-course/course-rules/undergrad/bengelh>

Students are responsible for planning their Core and Option Topics ahead to ensure they meet the topic prerequisites.

A list of all topics, including topic prerequisite information and alternate study period availabilities, is available at [Topics 2020](#).

Semester 1, 2020 start:

Year 1	S1	ENGR1401 Professional Skills	ENGR1711 Engineering Design	ENGR1732 Engineering Mechanics	MATH1121 Mathematics 1A
	S2	ENGR1201 Electronics	ENGR1721 Engineering Programming	ENGR1722 Engineering Physics and Materials	MATH1122 Mathematics 1B
Year 2	S1	COMP2711 Computer Programming 2	ENGR2711 Engineering Mathematics	ENGR2721 Microprocessors	ENGR2731 Communication Systems
	S2	ENGR2702 Electrical Circuits and Machines	ENGR2712 Automation and Industrial Control	ENGR2722 Analysis of Engineering Systems	ENGR2772 Sensors and Actuators
Year 3	S1	ENGR3701 Computer Organisation and Design	ENGR3711 Control Systems	ENGR3721 Signal Processing	ENGR3731 Communication Systems
	NS1	ENGR3750 Workplace Preparation (0 units)			
	S2	ENGR3704 Project Management for Engineering and Science	ENGR3700 Engineering Practicum or ENGR3710 International Engineering Practicum (13.5 units)		
Year 4	S1	ENGR7700A Honours Thesis (4.5/18 units)	ENGR7700B Honours Thesis (4.5/18 units)	ENGR7851 Advanced Electronic Design	Year 4 Option Topic^
	S2	ENGR7700C Honours Thesis (4.5/18 units)	ENGR7700D Honours Thesis (4.5/18 units)	ENGR9742 Standards, Ethics and Compliance	Year 4 Option Topic^

Semester 2, 2020 start:

Year 1	S2	ENGR1201 Electronics	ENGR1401 Professional Skills	ENGR1722 Engineering Physics and Materials	MATH1121 Mathematics 1A
	S1	ENGR1711 Engineering Design	ENGR1721 Engineering Programming	ENGR1732 Engineering Mechanics	MATH1122 Mathematics 1B
Year 2	S2	ENGR2702 Electrical Circuits and Machines	ENGR2712 Automation and Industrial Control	ENGR2722 Analysis of Engineering Systems	ENGR2772 Sensors and Actuators
	S1	COMP2711 Computer Programming	ENGR2711 Engineering Mathematics	ENGR2721 Microprocessors	ENGR2731 Electronic Circuits
	NS1	ENGR3750 Workplace Preparation (0 units)			
Year 3	S2	ENGR3704 Project Management for Engineering and Science	ENGR3700 Engineering Practicum or ENGR3710 International Engineering Practicum (13.5 units)		
	S1	ENGR3701 Computer Organisation and Design	ENGR3711 Control Systems	ENGR3721 Signal Processing	ENGR3731 Communication Systems
Year 4	S2	ENGR7700A Honours Thesis (4.5/18 units)	ENGR7700B Honours Thesis (4.5/18 units)	ENGR9742 Standards, Ethics and Compliance	Year 4 Option Topic^
	S1	ENGR7700C Honours Thesis (4.5/18 units)	ENGR7700D Honours Thesis (4.5/18 units)	ENGR7851 Advanced Electronic Design	Year 4 Option Topic^

Key:

Core Topic	Compulsory topic
Option Topic	A choice from a list of specified topics (see below)

Year 4 Option Topics:

ENGR7711 Advanced Control System (4.5 units) (S1 only)
 ENGR7731 Computer Architecture (4.5 units) (S1 only)
 ENGR7761 Image Processing (4.5 units) (S1 only)
 ENGR7732 Instrumentation (4.5 units) (S2 only)
 ENGR7762 Renewable Energy (4.5 units) (S2 only)
 ENGR7812 Power Electronics (4.5 units) (S2 only)

With the permission of the Course Coordinator eligible students may enrol in Advanced Studies for Engineering.