2020 Study Plan Template

Bachelor of Engineering (Computer and Network Systems) (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/bengcnsh

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**	COMP1712 Software Engineering Principles and Practice	MATH1121 Mathematics 1A	ENGR1711 Engineering Design	ENGR1732 Engineering Mechanics
	S2	ENGR1201 Electronics	ENGR1401 Professional Skills	ENGR1721 Engineering Programming	MATH1122 Mathematics 1B
Year 2	**S1**	COMP2711 Computer Programming 2	ENGR2721 Microprocessors	ENGR2731 Electronic Circuits	ENGR2881 Computer Networks
	S2	ENGR1722 Engineering Physics and Material	ENGR2712 Automation and Industrial Control	ENGR2722 Analysis of Engineering Systems	ENGR2772 Sensors and Actuators
Year 3	**S1**	ENGR2871 Cisco Certified Entry Networking Technician (CCENT)	ENGR3701 Computer Organisation and Design	ENGR3821 Network Engineering	Year 3 Option Topic^
	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)	ENGR7731 Computer Architecture	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	ENGR1721 Engineering Programming	MATH1121 Mathematics 1A
	S1	COMP1712 Software Engineering Principles and Practice	ENGR1711 Engineering Design	ENGR1732 Engineering Mechanics	MATH1122 Mathematics 1B
Year 2	**S2**	ENGR1722 Engineering Physics and Materials	ENGR2712 Automation and Industrial Control	ENGR2722 Analysis of Engineering Systems	ENGR2772 Sensors and Actuators
	S1	COMP2711 Computer Programming	ENGR2721 Microprocessors	ENGR2731 Electronic Circuits	ENGR2881 Computer Networks
	NS1	ENGR3750 Workplace Preparation (0 units)			
Year 3	**S2**	ENGR3704 Project Management for Engineering Science	ENGR3700 Engineering Practicum or ENGR3710 International Engineering Practicum		
	S1	ENGR2871 Cisco Certified Entry Networking Technician (CCENT)	ENGR3701 Computer Organisation and Design	ENGR3821 Network Engineering	Year 3 Option Topic^
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)	ENGR7731 Computer Architecture	Year 4 Option Topic^^

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

^ Year 3 Option Topics:	**^^ Year 4 Option Topics:**
ENGR3711 Control Systems (4.5 units) ENGR3721 Signal Processing (4.5 units) ENGR3731 Communication Systems (4.5 units)	ENGR7711 Advanced Control Systems (4.5 units) (S1 Only) ENGR7761 Image Processing (4.5 units) (S1 only) ENGR7791 Software Engineering (4.5 units) (S1 Only) COMP8715 Heuristic Optimisation GE (4.5 units) (S2 only) ENGR7732 Instrumentation (4.5 units) (S2 only)