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College of Science & Engineering

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2020 Study Plan Template

Bachelor of Engineering Science

Please note that this document is provided as a guide only. Students are responsible for ensuring that they have completed 108 units of study according to the official course rule available at https://students.flinders.edu.au/my-course/course-rules/undergrad/bengsc

Students are responsible for planning their Core, Option and Specialisation 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 (4.5 units)	**ENGR1711** Engineering Design (4.5 units)	**MATH1701** Mathematics Fundamentals A (4.5 units)	**PHYS1701** Physics for the Modern World (4.5 units)
	S2	**ENGR1201** Electronics (4.5 units)	**ENGR1722** Engineering Physics and Materials (4.5 units)	**MATH1702** Mathematics Fundamentals A (4.5 units)	**MATH1121** Mathematics 1A (4.5 units)
Year 2	**S1**	**ENGR1732** Engineering Mechanics (4.5 units)	**MATH1122** Mathematics 1B (4.5 units)	**Option 1^ topic**	**Option 2^^ topic**
		Enrolment tip: Eligible students may consider applying for an internal transfer to the Engineering Honours Specialisation course at this point in their studies. Further information can be found here			
	S2	**Upper level study from one specialisation***	**Upper level study from one specialisation***	**Upper level study from one specialisation***	**Upper level study from one specialisation***
Year 3	**S1**	**Upper level study from one specialisation***	**Upper level study from one specialisation***	**Upper level study from one specialisation***	**ENGR7710A Engineering Project A**
	S2	**Upper level study from one specialisation***	**Upper level study from one specialisation***	**Upper level study from one specialisation***	**ENGR7710B Engineering Project B**

Semester 2, 2020 start:

Year 1	**S2**	**ENGR1401** Professional Skills (4.5 units)	**ENGR1201** Electronics (4.5 units)	**MATH1701** Mathematics Fundamentals A (4.5 units)	**ENGR1722** Engineering Physics and Materials (4.5 units)
	S1	**ENGR1711** Engineering Design (4.5 units)	**ENGR1732** Engineering Mechanics (4.5 units)	**MATH1121** Mathematics 1A (4.5 units)	**MATH1702** Mathematics Fundamentals A (4.5 units)
Year2	**S2**	**ENGR1722** Engineering Physics and Materials (4.5 units)	**MATH1122** Mathematics 1B (4.5 units)	**Option 2^^ topic**	**Option 1^ topic**
		Enrolment tip: Eligible students may consider applying for an internal transfer to the Engineering Honours Specialisation course at this point in their studies. Further information can be found here			
	S1	**Upper level study from one specialisation***	**Upper level study from one specialisation***	**Upper level study from one specialisation***	**Upper level study from one specialisation***
Year 3	**S2**	**Upper level study from one specialisation***	**Upper level study from one specialisation***	**Upper level study from one specialisation***	**ENGR7710A Engineering Project A**
	S1	**Upper level study from one specialisation***	**Upper level study from one specialisation***	**Upper level study from one specialisation***	**ENGR7710B Engineering Project B**

Key:	
Core Topic	Compulsory topic
Option Topic	A choice from a list of specified topics (see below)
Specialisation topic	45 units of upper level study in one specialisation as outlined in the course rule. *If you require a personalised study plan for your specialisation choice, please put in an Ask Flinders request.

Year 2: Option 1 Topics^:	**Year 2: Option 2 Topics^^:**
• COMP1102 Computer Programming 1 (4.5units) Software specialisation • ENGR1721 Engineering Programming (4.5units) – All other specialisations	• COMP1001 Computer Programming (4.5 units) - Software Specialisation • MMED1005 How Your Body Works: Human Physiology and Structure (4.5 units)- Biomedical Specialisation • Elective (4.5 units) for all other specialisations