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2020 Study Plan Template

Graduate Diploma in Engineering Science (Civil)

Please note that this document is provided as a guide only. Students are responsible for ensuring that they have completed 36 units of study according to the official course rule available at https://students.flinders.edu.au/my-course/course-rules/postgrad/gdpengsci

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.

Core Topics – Civil Engineering Pathway C1 – Students who have entered with a physical sciences degree must complete 36units of topics comprising:

Semester 1, 2020 start:

Year 1	**SU**	**ENGR8761** Engineering Mathematics GE (4.5 units)			
	S1	**ENGR8791** Mechanics and Structures GE (4.5 units)	**ENGR8801** Fluid Mechanics GE (4.5 units)	**ENGR8812** Engineering Mechanics GE (4.5 units)	**ENGR8851** Infrastructure Systems Engineering GE (4.5 units)
	S2	**ENGR8752** Engineering Physics and Materials GE (4.5 units)	**ENGR8922** Civil Engineering Design GE (4.5 units)	**ENGR8732** Engineering Geology and Geomechanics (4.5 units)	

Semester 2, 2020 start:

Year 1	**S2**	**ENGR8752** Engineering Physics and Materials GE (4.5 units)	**ENGR8922** Civil Engineering Design GE (4.5 units)	**ENGR8732** Engineering Geology and Geomechanics (4.5 units)	
	SU	**ENGR8761** Engineering Mathematics GE (4.5 units)			
	S1	**ENGR8791** Mechanics and Structures GE (4.5 units)	**ENGR8801** Fluid Mechanics GE (4.5 units)	**ENGR8812** Engineering Mechanics GE (4.5 units)	**ENGR8851** Infrastructure Systems Engineering GE (4.5 units)

Core and Elective Topics – Civil Engineering Pathway C2 – students who have entered with an engineering degree in a different area must complete 36 topics comprising:

Semester 1, 2020 start:

Year 1	**S1**	**ENGR8761** Engineering Mathematics GE (4.5 units)	**ENGR8791** Mechanics and Structures GE (4.5 units)	**ENGR8801** Fluid Mechanics GE (4.5 units)	**ENGR8812** Engineering Mechanics GE (4.5 units)
	S2	**ENGR8800** Engineering Programming GE (4.5 units)	**ENGR8922** Civil Engineering Design GE (4.5 units)	**ENGR8932** Engineering Geology and Geomechanics (4.5 units)	**Elective**

Semester 2, 2020 start:

Year 1	**S2**	**ENGR8800** Engineering Programming GE (4.5 units)	**ENGR8922** Civil Engineering Design GE (4.5 units)	**ENGR8932** Engineering Geology and Geomechanics (4.5 units)	**Elective**
	S1	**ENGR8761** Engineering Mathematics GE (4.5 units)	**ENGR8791** Mechanics and Structures GE (4.5 units)	**ENGR8801** Fluid Mechanics GE (4.5 units)	**ENGR8812** Engineering Mechanics GE (4.5 units)

Core Topics – Civil Engineering Pathway C3 – Student who have entered with an Australian TAFE Diploma or Advanced Diploma (AQF Level 5) civil or construction qualification plus 7 years work experience must complete 36 units of topics comprising:

Semester 1, 2020 start:

Year 1	**S1**	**ENGR8761** Engineering Mathematics GE (4.5 units)	**ENGR8791** Mechanics and Structures GE (4.5 units)	**ENGR8801** Fluid Mechanics GE (4.5 units)	**ENGR8812** Engineering Mechanics GE (4.5 units)
	S2	**ENGR8752** Engineering Practice and Materials GE (4.5 units)	**ENGR8800** Engineering Programming GE (4.5 units)	**ENGR8922** Civil Engineering Design GE (4.5 units)	**ENGR8932** Engineering Geology and Geomechanics (4.5 units)

Semester 2, 2020 start:

Year 1	**S2**	**ENGR8752** Engineering Practice and Materials GE (4.5 units)	**ENGR8800** Engineering Programming GE (4.5 units)	**ENGR8922** Civil Engineering Design GE (4.5 units)	**ENGR8932** Engineering Geology and Geomechanics (4.5 units)
	S1	**ENGR8761** Engineering Mathematics GE (4.5 units)	**ENGR8791** Mechanics and Structures GE (4.5 units)	**ENGR8801** Fluid Mechanics GE (4.5 units)	**ENGR8812** Engineering Mechanics GE (4.5 units)

Key:	
Core Topic	Compulsory topic
Elective Topic	4.5 units of electives selected from ENGR topics at level 7000 and above