

## 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 36 units of topics comprising:**

#### Semester 1, 2020 start:

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

#### Semester 2, 2020 start:

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

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

**Semester 2, 2020 start:**

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

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

**Semester 2, 2020 start:**

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

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