

2020 Study Plan Template

Master of Engineering Science (Civil)

Please note that this document is provided as a guide only. Students are responsible for ensuring that they have completed 72 units of study according to the official course rule available at <https://students.flinders.edu.au/my-course/course-rules/postgrad/mengscs/mengscc>

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	ENGR8761: Engineering Mathematics GE (4.5 units)	ENGR8812: Engineering Mechanics GE (4.5 units)	ENGR8851: Infrastructure Systems Engineering (4.5 units)	Option Year 1 Topic:
	S2	ENGR8752: Engineering Physics and Mathematics (4.5 units)	ENGR8922: Civil Engineering Design (4.5 units)	ENGR8932: Engineering Geology and Geomechanics (4.5 units)	ENGR9704: Project Management and Innovation (4.5 units)
Year 2	S1	ENGR9710A: Masters Project (4.5 units)	ENGR8791: Mechanics and Structures GE (4.5 units)	Option Year 2 topic:	Option Year 2 topic:
	S2	ENGR9710B: Masters Project (4.5 units)	ENGR8862: Structural Engineering 1 GE (4.5 units)	Option Year 2 topic:	Option Year 2 topic:

Semester 2, 2020 start:

Year 1	S2	ENGR8752: Engineering Physics and Mathematics (4.5 units)	ENGR8922: Civil Engineering Design (4.5 units)	ENGR8932: Engineering Geology and Geomechanics (4.5 units)	ENGR9704: Project Management and Innovation (4.5 units)
	S1	ENGR8761: Engineering Mathematics GE (4.5 units)	ENGR8812: Engineering Mechanics GE (4.5 units)	ENGR8851: Infrastructure Systems Engineering (4.5 units)	Option Year 1 Topic:
Year 2	S2	ENGR9710A: Masters Project (4.5 units)	ENGR8862: Structural Engineering 1 GE (4.5 units)	Option Year 2 topic:	Option Year 2 topic:
	S1	ENGR9710B: Masters Project (4.5 units)	ENGR8791: Mechanics and Structures GE (4.5 units)	Option Year 2 topic:	Option Year 2 topic:

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

<p>Option Year 1 topics: Plus 4.5 units selected from:</p> <p>ENGR7961 Finite Element Methods (4.5 units) ENGR8841 Hydrostatics GE (4.5 units) EASCxxxx Earth Sciences (EASC) topics with approval from the Course Coordinator (4.5 units) ENGRxxxx Engineering (ENGR) topics with approval from the Course Coordinator (4.5 units) ENV5xxxx Environmental Studies (ENVS) topics with approval from the Course Coordinator (4.5 units) STEMxxxx Science Technology Engineering & Maths (STEM) topics with approval from the Course Coordinator (4.5 units)</p> <p>Option Year 2 topics: Plus 18 units selected from:</p> <p>ENGR7951 Advanced Infrastructure Engineering Design 1 (4.5 units) ENGR7872 Advanced Infrastructure Engineering Design 2 (4.5 units) ENGR8801 Fluid Mechanics GE (4.5 units) ENGR8861 Structural Engineering 2 GE (4.5 units) ENGR8931 Geotechnical Engineering GE (4.5 units) ENGR8951 Hydraulics and Water Engineering GE (4.5 units) ENGR8971 Transport Systems Engineering GE (4.5 units)</p>
