

## 2020 Study Plan Template

### Master of Science (Mathematics)

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/msc>

Students are responsible for planning their Core and Option Topics and Elective 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	<a href="#">STEM8001</a> Research Methods and Professional Skills	List A Option Topic	List A Option Topic	List B Option Topic
	S2	List A Option Topic	List A Option Topic	List A Option Topic	List B Option Topic
<b>Year Two Option One: Masters Thesis</b>					
Year 2	S1	<a href="#">MATH9700A</a> Masters Thesis	<a href="#">MATH9700B</a> Masters Thesis	List B Option Topic	List B Option Topic
	S2	<a href="#">MATH9700C</a> Masters Thesis	<a href="#">MATH9700D</a> Masters Thesis	List B Option Topic	List B Option Topic
<b>Year Two Option Two: Masters Project</b>					
Year 2	S1	<a href="#">MATH9710A</a> Masters Project	<a href="#">COMP8781</a> Computer Mathematics GE	List B Option Topic	List B Option Topic
	S2	<a href="#">MATH9710B</a> Masters Project	One of: <a href="#">COMP8702</a> Computer Programming 1 GE OR <a href="#">ENGR8800</a> Engineering Programming GE	List B Option Topic	List B Option Topic

Semester 2, 2020 start:

Year 1	S2	<a href="#">STEM8001</a> Research Methods and Professional Skills	List A Option Topic	List A Option Topic	List B Option Topic
	S1	List A Option Topic	List A Option Topic	List A Option Topic	List B Option Topic
<b>Year Two Option One: Masters Thesis</b>					
Year 2	S2	<a href="#">MATH9700A</a> Masters Thesis	<a href="#">MATH9700B</a> Masters Thesis	List B Option Topic	List B Option Topic
	S1	<a href="#">MATH9700C</a> Masters Thesis	<a href="#">MATH9700D</a> Masters Thesis	List B Option Topic	List B Option Topic
<b>Year Two Option Two: Masters Project</b>					
Year 2	S2	<a href="#">MATH9710A</a> Masters Project	One of: <a href="#">COMP8702</a> Computer Programming 1 GE OR <a href="#">ENGR8800</a> Engineering Programming GE	List B Option Topic	List B Option Topic
	S1	<a href="#">MATH9710B</a> Masters Project	<a href="#">COMP8781</a> Computer Mathematics GE	List B Option Topic	List B Option Topic

Key:	
<b>Core Topic</b>	Compulsory topic
<b>Option Topics List A</b>	<a href="#">MATH8702</a> Methods of Applied Mathematics GE (4.5 units) <a href="#">MATH8711</a> Complex Analysis GE (4.5 units) <a href="#">MATH8712</a> Partial Differential Equations GE (4.5 units) <a href="#">MATH8731</a> Algebra GE (4.5 units) <a href="#">STAT8701</a> Statistical Science GE (4.5 units) <a href="#">STAT8702</a> Stochastic Processes GE (4.5 units)
<b>Option Topic List B</b>	<a href="#">COMP7707</a> Advanced Data Mining (4.5 units) <a href="#">ENGR7961</a> Finite Element Methods (4.5 units) <a href="#">MATH7707</a> Optimisation (4.5 units) <a href="#">MATH7720</a> Advanced Studies in Mathematics A (4.5 units) <a href="#">MATH7721</a> Advanced Studies in Mathematics B (4.5 units) <a href="#">MATH7722</a> Calculus of Variations (4.5 units) <a href="#">MATH7731</a> Mathematical Problems in Industry (4.5 units) <a href="#">MATH7732</a> Real Analysis (4.5 units)