

# Master of Science (Mathematics) 2023 Study Planner



Science & Engineering

## Semester 1 Start:

Year One	Semester 1	<b>COMP8781</b> Computer Mathematics GE	<b>STEM8001</b> Advanced Professional Skills	<b>MATH8703</b> Multivariable Calculus GE	<b>MATH8705</b> Linear Algebra and Differential Equations GE
	Semester 2	<b>COMP8702</b> Computer Programming 1 GE	<b>STAT8102</b> Probability GE	<b>MATH8704</b> Principles of Analysis GE	<b>MATH8722</b> Numerical Analysis GE
<p><b>In consultation with the course coordinator, students can choose between either a Thesis or Project to complete during the second year of the program</b></p>					
Year Two (Option One)	Semester 1	<b>STAT9701</b> Statistical Science GE	<b>MATH9702</b> Methods of Applied Mathematics GE	<b>MATH9703</b> Optimisation GE	<b>MATH9710A</b> Masters Project (4.5/9 units)
	Semester 2	<b>COMP8741</b> Advanced Software Development Practices	<b>MATH9711</b> Complex Analysis GE	<b>MATH9712</b> Partial Differential Equations GE	<b>MATH9710B</b> Masters Project (4.5/9 units)
<p><b>OR</b></p>					
Year Two (Option Two)	Semester 1	<b>COMP9700A</b> Masters Thesis	<b>COMP9700B</b> Masters Thesis	Year Two Option Topic	Year Two Option Topic
	Semester 2	<b>COMP9700C</b> Masters Thesis	<b>COMP9700D</b> Masters Thesis	Year Two Option Topic	Year Two Option Topic

## Semester 2 Start:

Year One	Semester 2	<b>COMP8702</b> Computer Programming 1 GE	<b>STAT8102</b> Probability GE	<b>MATH8704</b> Principles of Analysis GE	One of <b>COMP8741</b> Advanced Software Development Practices OR <b>MATH9711</b> Complex Analysis GE OR <b>MATH9712</b> Partial Differential Equations GE
	Semester 1	<b>COMP8781</b> Computer Mathematics GE	<b>STEM8001</b> Research methods and Professional Skills	<b>MATH8703</b> Multivariable Calculus GE	<b>MATH8705</b> Linear Algebra and Differential Equations GE

In consultation with the course coordinator, students can choose between either a Thesis or Project to complete during the second year of the program

Year Two (Option One)	Semester 2	Two of: <b>COMP8741</b> Advanced Software Development Practices OR <b>MATH9711</b> Complex Analysis GE OR <b>MATH9712</b> Partial Differential Equations GE		<b>MATH8722</b> Numerical Analysis GE	<b>MATH9710A</b> Masters Project
	Semester 1	<b>STAT9701</b> Statistical Science GE	<b>MATH9702</b> Methods of Applied Mathematics GE	<b>MATH9703</b> Optimisation GE	<b>MATH9710B</b> Masters Project

OR

Year Two (Option Two)	Semester 2	<b>COMP9700A</b> Masters Thesis	<b>COMP9700B</b> Masters Thesis	Year Two Option Topic	<b>MATH8722</b> Numerical Analysis GE
	Semester 1	<b>COMP9700C</b> Masters Thesis	<b>COMP9700D</b> Masters Thesis	Year Two Option Topic	Year Two Option Topic

### Key:

Core Topics	Compulsory topic
Option Topics	A choice from a list of specified topics (please refer to course rule)

Please note:

- This document is provided as a guide only. Students are responsible for ensuring that they have completed their study according to the official [Course Rule](#).
- Topic information for all topics, including pre-requisites can be found on the [Topic Page](#)
- General enrolment assistance is available via [Ask Flinders](#)
- For specific course advice e-mail: [courseadvice.SE@flinders.edu.au](mailto:courseadvice.SE@flinders.edu.au)