

## Bachelor of Advanced Science (Mathematics)

Useful study planning/enrolment resources:

- [Subject Search](#)
- [Academic Calendars](#)
- [Class Registration](#)
- [Enrolment Resources](#)

The information in the study planner is current at the time of creation may be subject to future change.

**Attention International Student visa holders:** To remain compliant with your enrolments requirements as a Student visa holder you are required to enrol in at least one On-Campus, Multi-Modal or WIL subject offering in each compulsory study period and you cannot enrol in more than one third (33%) of your total course load through online or distance learning. To complete your course within your CoE duration students must maintain sufficient subject enrolment.

The College of Science and Engineering will be offering some subjects in Block 3 and Block 4 (see the [Academic Calendar](#) for Block 3 and 4 dates). International students must maintain enrolment in subjects across the whole Trimester 2 period (May - August) and can do this by enrolling in a combination of Block 3 and Block 4 subjects, and/or Trimester 2 subjects and full-time enrolment load in an academic year.

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
<b>2025</b>	SC1101:03 Science Technology and Truth	CH1020:03 Preparatory Chemistry (or any Level 1, 2 or 3 or 5 subject if already satisfied via previous study)	SC1109:03 Modelling Natural Systems – Advanced <i>PREREQ: MA1000 or MA1009</i>
	MA1000:03 Mathematical Foundations <i>PREREQ: MA1020 or MA0020 or BR0202 or High school subjects</i>	Elective <b>OR</b> Second Major Subject <i>(depending on chosen structure)</i>	MA1003:03 Mathematical Techniques <i>PREREQ: MA1000 or MA1011 or MA1009</i>
	<b>Major</b> Elective from <b>List 1 (Breadth Subjects)</b>		<b>Major</b> Elective from <b>List 1 (Breadth Subjects)</b>

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
<b>2026</b>	SC2209:03 Quantitative Methods in Science-Advanced <i>PREREQ: MA1003 and SC1109 plus 6 credit points of other Level 1 subjects</i>	<b>Major</b> MA2211:03 Discrete Mathematics <i>PREREQ: MA1020 or MA0020 or Maths B</i>	<b>Major</b> MA2210:03 Linear Algebra <i>PREREQ: MA1003</i>
	<b>Major</b> MA2000:03 Mathematics for Scientists and Engineers <i>PREREQ: MA1003</i>	Elective <b>OR</b> Second Major Subject <i>(depending on chosen structure)</i>	Elective <b>OR</b> Second Major Subject <i>(depending on chosen structure)</i>
	Elective <b>OR</b> Second Major Subject <i>(depending on chosen structure)</i>		Elective <b>OR</b> Second Major Subject <i>(depending on chosen structure)</i>

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2027	<b>Major</b> MA3211:03 Mathematical Modelling and Differential Equations <i>PREREQ: MA2000 and (MA2210 or MA2201)</i>	Select 3 credit points of subjects from <b>List 1 (Advanced Skill Subject)</b>	SC3008:03 Professional Placement (TR1, TR2, TR3) <i>PREREQ: 12 credit points of second year subjects. Restricted to students with an approved placement</i> <b>OR</b> SC3003:03 Science Research Internship (TR1, TR2, TR3) <i>PREREQ: 15 credit points of AQ, BC, BS, BZ, CH, EV, EA, MA, MB, PH or SC science level 2 subjects</i> <i>*Students must source a supervisor for their internship before enrolment</i>
	Elective <b>OR</b> Second Major Subject <i>(depending on chosen structure)</i>	<b>Major</b> MA3212:03 Optimisation and Operations Research <i>PREREQ: MA2000 and (MA2210 or MA2201)</i>	<b>Major</b> MA3210:03 Probability and Stochastic Processes <i>PREREQ: MA2000</i>
	Elective <b>OR</b> Second Major Subject <i>(depending on chosen structure)</i>		Elective <b>OR</b> Second Major Subject <i>(depending on chosen structure)</i>

**COURSE HANDBOOK**

[Bachelor of Advanced Science](#)  
[Mathematics Major](#)