

Bachelor of Advanced Science (Mathematics) (Chemistry)

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
2025	SC1101:03 Science, Technology and Truth	Chemistry Major CH1001:03 Chemistry: The Central Science <i>PREREQ: CH1020, CH0020 or EG1010 or High School Senior Chemistry or admission to 71510 or 116910 or 70309 or 108209 or 70809 or 71809 or 115309 or 119209</i>	SC1109:03 Modelling Natural Systems – Advanced [^] <i>PREREQ: MA1000</i>
	Mathematics Major MA1000:03 Mathematical Foundations <i>PREREQ: MA1020 or MA0020 or BR0202 or High School Senior Mathematics equivalent</i>	Mathematics Major MA1003:03 Mathematical Techniques <i>PREREQ: MA1000 or MA1011</i>	Chemistry Major CH1002:03 Chemistry: Principles and Applications <i>PREREQ: CH1001 or CH1011 and allow concurrent for CH1011 and CH1001</i>
	CH1020:03 Preparatory Chemistry (or any Level 1, 2 or 3 or 5 subject if already satisfied via previous study)		Select 3 credit points from List 1 (Breadth Subjects)

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2026	SC2209:03 Quantitative Methods in Science-Advanced <i>PREREQ: MA1003 and SC1109 plus 6 credit points of other Level 1 subjects</i>	Mathematics Major MA2211:03 Discrete Mathematics <i>PREREQ: MA1020 or Maths B or MA0020</i>	Mathematics Major MA2210:03 Linear Algebra <i>PREREQ: MA1000</i>
	Mathematics Major MA2000:03 Mathematics for Scientists and Engineers <i>PREREQ: MA1003</i>	Chemistry Major CH2310:03 Organic Chemistry <i>PREREQ: CH1001 or CH1002</i>	Chemistry Major CH2103:03 Analytical Chemistry <i>PREREQ: CH1001 or CH1011</i>
	Chemistry Major CH2210:03 Inorganic Chemistry <i>PREREQ: CH1001 or CH1002</i>		Select 3 credit points from List 1 (Breadth Subjects)

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2027	SC3008:03 Professional Placement (TR1, TR2, TR3) <i>PREREQ: 12 credit points of second year subjects. Restricted to students with an approved placement</i> OR 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>	Mathematics Major MA3212:03 Optimisation and Operations Research <i>PREREQ: MA2000</i>	Mathematics Major MA3210:03 Probability and Stochastic Processes <i>PREREQ: MA2000</i>
	Mathematics Major MA3211:03 Mathematical Modelling and Differential Equations <i>PREREQ: MA2000 and (MA2210 or MA2201)</i>	Select 3 credit points of subjects from List 1 (Advanced Skills Subjects)	Chemistry Major CH3110:03 Special Topics in Analytical Chemistry <i>PREREQ: CH2103</i>
	Chemistry Major CH3210:03 Applications of Inorganic Chemistry <i>PREREQ: CH2210</i>		Chemistry Major CH3310:03 Special Topics in Organic Chemistry <i>PREREQ: CH2310</i>

COURSE HANDBOOK

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