

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.

If you would prefer a part-time study plan, please adjust the below study planner; reviewing subject prerequisites to ensure you are on track for course completion.

		TEACHING PERIOD 2	
		Study Period	Subjects
2022		Study Period 2	CH1020:03 Preparatory Chemistry OR Select 3 credit points of any level 1, 2, 3 or 5 subjects (if completed high school level Chemistry or equivalent)
		Study Period 2	MA1000:03 Mathematical Foundations <i>PREREQ: MA1020 or MA0020 or Maths B or Maths C or Admission to 116209 or 116409 or 116309</i>
		Study Period 2	Elective OR Second Major Subject (depending on chosen structure)
		Study Period 2	Elective OR Second Major Subject (depending on chosen structure)

		TEACHING PERIOD 1	TEACHING PERIOD 2
		Study Period	Subjects
2023	Study Period 3	MA1003:03 Mathematical Techniques <i>PREREQ: MA1000 or MA1011 or MA1009</i>	Study Period 2 SC1109:03 Modelling Natural Systems-Advanced <i>PREREQ: MA1000 or MA1009</i>
	Study Period 1	SC1101:03 Science Technology and Truth	Study Period 2 Major MA2210:03 Linear Algebra <i>PREREQ: MA1003</i>
	Study Period 1	Major PH1005:03 Advanced Steam Physics <i>PREREQ: Maths B or MA1020 or MA0020 or MA1000 or MA1008</i>	Study Period 2 Major PH1007:03 Advanced Steam Physics 2 <i>PREREQ: ((Maths B or equivalent or MA1020 or MA0020) and PH1005) or (Physics and Maths C)</i>
	Study Period 1	Elective OR Second Major Subject (depending on chosen structure)	Study Period 2 Elective OR Second Major Subject (depending on chosen structure)

		TEACHING PERIOD 1		TEACHING PERIOD 2	
2024	Study Period 1	SC2209:03 Quantitative Methods in Science-Advanced <i>PREREQ: SC1109 and MA1003 plus 6 credit points of other Level 1 subjects</i>	Study Period 2	Major MA3210:03 Probability and Stochastic Process <i>PREREQ: MA2000 and (MA2210 or MA2201)</i>	
	Study Period 1	Major MA2000:03 Mathematics for Scientists and Engineers <i>PREREQ: MA1003</i>	Study Period 2	Major MA3212:03 Optimisation and Operations Research <i>PREREQ: MA2000 and (MA2210 or MA2201)</i>	
	Study Period 1	Major MA2211:03 Discrete Mathematics <i>PREREQ: Maths B or MA1020 or MA0020</i>	Study Period 2	Select 3 credit points of subjects from List 1 (Advanced Skill Subjects)	
	Study Period 1	Elective OR Second Major Subject (depending on chosen structure)	Study Period 2	Elective OR Second Major Subject (depending on chosen structure)	

		TEACHING PERIOD 1			
2025	Study Period 1	SC3003:03 Science Research Internship <i>PREREQ: 15 credit points of AQ, BC, BS, BZ, CH, EV, EA, MA, PH or SC Science Level 2 subjects</i> OR SC3008:03 Professional Placement <i>PREREQ: Students must have successfully completed 12 second year credit points. Enrolment is restricted to student's with an approved placement</i>			
	Study Period 1	Major MA3211:03 Mathematical Modelling and Differential Equations <i>PREREQ: MA2000 and (MA2210 or MA2201)</i>			
	Study Period 1	Elective OR Second Major Subject (depending on chosen structure)			
	Study Period 1	Elective OR Second Major Subject (depending on chosen structure)			

COURSE HANDBOOK

[Bachelor of Advanced Science](#)

[Mathematics](#)