

Bachelor of Advanced Science

MAJOR Mathematics

This study plan should be used as a general guide for your course. We recommend you consult with your [CSE Course/Major Advisor](#) and particularly if your intended enrolment varies from this plan.

The information in the study plan is current at the time of creation and 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.

Useful study planning/enrolment resources:

To search for information on subjects: [Subject Search](#)

To register for your classes: [Class Registration](#)

For important dates check: [Academic Calendars](#)

Further enrolment resources: [Enrolment Resources](#)

	STUDY PERIOD 1	STUDY PERIOD 2
Year 1		Course MA1000:03 Mathematical Foundations (Students in Cairns to choose Elective Select 3 credit points of any Level 1 subjects)
		Course CH1020:03 Preparatory Chemistry or Elective (only if already satisfied via previous study)
		Major Select 3 credit points of subjects from List 1 (Breadth Subjects)
		Elective Select 3 credit points of any Level 1 subjects

The College of Science and Engineering will move to trimester delivery in 2025. In the circumstances, only the first year of the course can be outlined at this time. When College of Science and Engineering has realigned the delivery of its subjects to a trimester basis for 2025 a further update to this enrolment planner covering years 2025, 2026, 2027 and 2028 will be provided.

BREADTH SUBJECTS - LIST 1		
STUDY PERIOD 1		STUDY PERIOD 2
BM1000:03 Introductory Biochemistry and Microbiology <i>PREREQ: Allow concurrent enrolment in CH1020, CH0020 or Senior Chemistry</i>		BS1001:03 Introduction to Biological Processes
BS1007:03 Introduction to Biodiversity		CH1002:03 Chemistry: Principles and Applications <i>PREREQ: CH1001 OR CH1011 and allow concurrent for Ch1011 and CH1001</i>
CH1001:03 Chemistry: A Central Science <i>PREREQ: CH1020, CH0020 or EG1010 or High School Senior Chemistry</i>		EA1110:03 Evolution of the Earth
EG1000:03 Engineering 1		MA1003:03 Mathematical Techniques <i>PREREQ: MA1000 or MA1011 or MA1009</i>
EV1005:03 Environmental Processes and Global Change		MA1580:03 Foundations of Data Science <i>PREREQ: MA1000 or MA1020 or MA0020 or Maths B</i>
MA1000:03 Mathematical Foundation <i>PREREQ: MA1020 or MA0020 or Maths B or Maths C</i>		PH1007:03 Advanced Stream Physics 2 <i>PREREQ: ((Maths B or equivalent or MA1020 or MA0020) and PH1005) or (Physics and Maths C)</i>
PH1005:03 Advanced Stream Physics 1 <i>PREREQ: MA1000</i>		
TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
CP1401:03 Problem Solving and Programming I	CP1401:03 Problem Solving and Programming I <i>*External</i>	CP1404:03 Programming II <i>PREREQ: CP1801 or CP1401 or CP1200 or EG1002 or CP2200 or SC1201</i>
	CP1404:03 Programming II <i>*External</i>	

COURSE HANDBOOK

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