

# Bachelor of 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 <b>MA1020:03 Preparatory Mathematics</b> (Students in Cairns to choose <b>Elective</b> Select 3 credit points of any Level 1 subjects) or <b>Elective</b> (only if already satisfied via previous study) OR <b>SC1102:03 Modelling Natural Systems</b> <i>PREREQ: MA1020 or MA0020 or Senior Mathematics or equivalent</i> or <b>SC1109:03 Modelling Natural Systems-Advanced ^</b> <i>PREREQ: MA1000 or MA1009</i>
		Course <b>CH1020:03 Preparatory Chemistry</b> or <b>Elective</b> (only if already satisfied via previous study)
		Course Select a subject from <b>List 1 (Breadth Subjects)</b> or <b>Elective</b>
		<b>Elective</b> Select 3 credit points of any Level 1, 2, 3 or 5 subjects

^Note: SC1109 is compulsory in the Advanced BSc Program and should be taken instead of SC1102 if you are considering that pathway.

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		BS1001:03 Introduction to Biological Processes
BS1007:03 Introduction to Biodiversity		CH1002:03 Chemistry: Principles and Applications <i>PREREQ: CH1001</i>
CH1001:03 Chemistry: A Central Science		EA1110:03 Evolution of the Earth
EG1000:03 Engineering 1		MA1003:03 Mathematical Techniques <i>PREREQ: MA1000</i>
EV1005:03 Environmental Processes and Global Change		MA1580:03 Foundations of Data Science
<del>MA1000:03 Mathematical Foundation</del>		PH1007:03 Advanced Stream Physics 2 <i>PREREQ: PH1005 OR (High School Physics and M</i>
PH1005:03 Advanced Stream Physics 1		
TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
CP1401:03 Problem Solving and Programming I CP1401:03 Problem Solving and Programming I- <i>EXTERNAL OFFERING</i>	CP1401:03 Problem Solving and Programming I- <i>EXTERNAL OFFERING</i>	CP1404:03 Programming II CP1404:03 Programming II- <i>EXTERNAL OFFERING</i>
	CP1404:03 Programming II- <i>EXTERNAL OFFERING</i>	

#### ADDITIONAL INFORMATION

A maximum of 30 credit points may be taken at Level 1.

A minimum of 18 credit points of science subjects must be taken at Level 3 or higher.

#### COURSE HANDBOOK

[Bachelor of Science Handbook](#)

[Mathematics Major](#)