

Bachelor of Science - BA-SC2 Applied Mathematics Major *Semester 2 Intake*

Recommended Sequence

Units are listed on your Course Planner in a recommended sequence. However this can be amended depending on unit availability, prerequisite requirements and the semester in which you commenced your course. Changes to this planner may extend the duration of your course.

Year One

	Semester 2	
	MTH10012 Calculus and Applications	+12.5
	MTH10013 Linear Algebra and Applications	+12.5
	CHE10001 Chemistry 1 or CHE10004 Introduction to Chemistry	+12.5
	NPS10003 Sustainability Challenges in Science	+12.5

Year Two

Semester 1		Semester 2	
PHY10001 Energy and Motion or PHY10002 Introduction to Physics	+12.5	BIO10001 Concepts in Biology	+12.5
MTH20014 Mathematics 3B	+12.5	NPS20011 Societal Challenges in Science	+12.5
MTH20015 Modelling Nature's Non-Linearity	+12.5	MTH20012 Series and Transforms	+12.5
Elective	+12.5	MTH20016 Quantitative Prediction	+12.5

Optional

Professional Placement _You can choose to add an additional 6 month or 1 year placement to your course. The maximum credit points to complete your course will be increased to accommodate the Professional Placement



How to use your course planner

The units in your planner are colour coded to assist you with mapping out your studies. Refer to the boxes below for an overview of your course requirements.

Course Information

Course 300 Credit Points

Core units

100 Credit points

A set of compulsory units you **MUST** complete as part of your Course.

First Major units

A set of compulsory units you **MUST** complete as part of your Course.

Elective units

A combination of elective units, or a Second Major, Co-Major, or a Minor.

Work Integrated Learning

A Professional Placement is a Work Integrated Learning (WIL) option. You can apply for a Professional Placement during your second year. More information on Professional Placement and other WIL options at **Work Integrated Learning**

FAQs

How can I find more information about my course Visit <u>Bachelor of Science</u> for major options.

Where can I find out more about individual unit information? Visit the <u>Single Unit Search</u> page to search for additional unit content.

What's a full-time study load? 100 credit points (8 units per year)

Year Three

Semester 1		Semester 2	
MTH30002 Differential Equations	+12.5	MTH30001 Stochastic Modelling	+12.5
MTH30006 Optimisation	+12.5	MTH30003 Numerical and Computational Mathematics	+12.5
Elective	+12.5	Elective	+12.5
Elective	+12.5	Elective	+12.5

Year Four

Semester 1NP530004
Grand Challenges in
Science+12.5Elective+12.5Elective+12.5Elective+12.5

What's a part-time study load? 50 credit points (4 units per year)

How can I plan my timetable? Check the <u>University Timetable</u> <u>Planner</u> before enrolling into units.



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