Course enrolment planner

Bachelor of Science (Professional) - BA-SC2PROF
Applied Mathematics Major

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 1		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
PHY10001 Energy and Motion or **PHY10002** Introduction to Physics	+12.5	Elective	+12.5
BIO10001 Concepts in Biology	+12.5	Elective	+12.5

Year Two

Semester 1		Semester 2	
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
Elective	+12.5	Elective	+12.5

Year Three

Semester 1		Semester 2	
NPS20003 Integrated Professional Placement A - Science	+25	**NPS20004** Integrated Professional Placement B - Science	+25
WEI20001 Work Experience in Industry A	+25	**WEI20002** Work Experience in Industry B	+25

Year Four

Semester 1		Semester 2	
NPS30004 Grand Challenges in Science	+12.5	**MTH30001** Stochastic Modelling	+12.5
MTH30002 Differential Equations	+12.5	**MTH30003** Numerical and Computational Mathematics	+12.5
MTH30006 Optimisation	+12.5	Elective	+12.5

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 375 Credit Points

Core units
100 Credit points

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

First Major units
100 Credit points

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

Elective units
75 Credit points

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

Work Integrated Learning
100 Credit points

A paid Professional Placement for 12 months. More information on Professional Placement and other WIL options at **Work Integrated Learning**

FAQs

How can I find more information about my course
Visit **Bachelor of Science (Professional)** for major options.

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

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

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

How can I plan my timetable?
Check the **University Timetable Planner** before enrolling into units.

+ = Credit points