

Course enrolment planner

Bachelor of Science - BA-SC2 Physics 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	
MTH0007 Preliminary Mathematics or MTH10012 Calculus and Applications or STA10003 Foundations of Statistics	+12.5
MTH0010 Essential Mathematics or MTH10012 Calculus and Applications or MTH10013 Linear Algebra	+12.5
NPS10003 Sustainability Challenges in Science	+12.5
PHY10001 Energy and Motion or PHY10002 Introduction to Physics	+12.5

Year Two

Semester 1		Semester 2	
BIO10001 Concepts in Biology	+12.5	NPS20011 Societal Challenges in Science	+12.5
CHE10001 Chemistry 1 or CHE10004 Introduction to Chemistry	+12.5	AST10001 Discovering the Universe	+12.5
PHY10004 Electronics and Electromagnetism	+12.5	PHY30005 Physics Research Laboratories	+12.5
Elective <i>MTH20014 recommended</i>	+12.5	Elective <i>MTH20012 recommended</i>	+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	+37.5-+100
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Year Three

Semester 1		Semester 2	
PHY20004 Modern Optics	+12.5	PHY20008 Physics 2B	+12.5
PHY20007 Physics 2A	+12.5	PHY30004 Quantum, Atomic and Optical Physics	+12.5
Elective <i>MTH30002 recommended</i>	+12.5	Elective <i>MTH20016 recommended</i>	+12.5
Elective	+12.5	Elective	+12.5

Year Four

Semester 1	
NPS30004 Grand Challenges in Science	+12.5
PHY30003 Thermal Physics and Statistical Mechanics	+12.5
Elective	+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 300 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 100 Credit points

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 [Bachelor of Science](#) 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.

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