Course enrolment planner

Bachelor of Engineering (Honours)/Bachelor of Science
BB-ENGSC1   Biomedical 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.

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 500 Credit Points

Core units
175 Credit points

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

First Major units
225 Credit points

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

Bachelor of Science Major
100 Credit points

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

Work Integrated Learning

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

Year One

Semester 2		Semester 1	
COS10009 Introduction to Programming	+12.5	BIO10001 Concepts of Biology	+12.5
ENG10001 Engineering Design and innovation	+12.5	ENG10002 Engineering Materials	+12.5
MTH10012 Calculus and Applications	+12.5	ENG10003 Engineering Mechanics	+12.5
PHY10001 Energy and Motion	+12.5	MTH10013 Linear Algebra and Applications	+12.5

Year Two

Semester 2		Semester 1	
COS10025 Technology in an Indigenous Context Project	+12.5	CHE10001 Chemistry 1 OR CHE10004 Introduction to Chemistry	+12.5
BIO10004 Anatomy and Physiology	+12.5	EEE20006 Circuits & Electronics 1	+12.5
BME20001 Biomaterials and Biomechanics	+12.5	ENG20010 Engineering Technology Design Project	+12.5
ENG20009 Engineering Technology Inquiry Project	+12.5	Science Major Unit	+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

Year Three

Semester 2		Semester 1	
COS20007 Object Oriented Programming	+12.5	MBP20009 Medical Imaging Systems	+12.5
TNE20003 Internet and Cybersecurity for Engineering Applications	+12.5	MBP20011 Clinical Practicum 1 - Neuro	+12.5
Science Major Unit	+12.5	MTH20014 Mathematics 3B	+12.5
Science Major Unit	+12.5	Science Major Unit	+12.5
EAT20008 Professional Experience in Engineering	+12.5		

Year Four

Semester 2		Semester 1	
COS40007 Artificial Intelligence for Engineering	+12.5	EEE40017 Machine Vision	+12.5
ENG30002 Engineering Technology Sustainability Project	+12.5	ENG40011 Engineering Technology Innovation Project	+12.5
MBP30008 Clinical Practicum 2 - Cardio	+12.5	TNE30024 Deploying Secure Engineering Applications Online	+12.5
Science Major Unit	+12.5	Science Major Unit	+12.5

Year Five

Semester 2		Semester 1	
ENG40005 Final Year Capstone Project 1	+12.5	ENG40006 Final Year Capstone Project 2	+12.5
NPS20011 Societal Challenges in Science	+12.5	NPS30004 Grand Challenges in Science	+12.5
BME40005 Advanced Medical Imaging Systems	+12.5	BME40004 Medical and Regulatory Practice	+12.5
Science Major Unit	+12.5	Science Major Unit	+12.5

FAQs
How can I find more information about my course
Visit **Bachelor of Engineering (Honours)/Bachelor of Science**

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.