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.

Year One

	Semester 2	
	COS10009 Introduction to Programming	**+12.5**
	ENG10001 Engineering Design and innovation	**+12.5**
	MTH00007* Preliminary Mathematics	**+12.5**
	PHY10001 Energy and Motion	**+12.5**

** Students who have completed VCE Mathematics Methods or Specialist Mathematics or equivalent are highly encouraged to complete MTH00007 Preliminary Mathematics as per their course plan. However, students may exercise the option of applying for a preclusion of this unit to do an elective unit instead. Students can do so via using the enrolment amendment form found here and ensuring evidence of completion of VCE Mathematics Methods or Specialist Mathematics or equivalent is included in the application. Mathematics or equivalent is included in the application.*

Year Two

Semester 1		Semester 2	
COS10025 Technology in an Indigenous Context Project	**+12.5**	**BIO10001** Concepts of Biology	**+12.5**
ENG10002 Engineering Materials	**+12.5**	**MTH10013** Linear Algebra and Applications	**+12.5**
ENG10003 Engineering Mechanics	**+12.5**	**BME20001** Biomaterials and Biomechanics	**+12.5**
MTH10012 Calculus and Applications	**+12.5**	**ENG20009** Engineering Technology Inquiry Project	**+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 1		Semester 2	
CHE10001 Chemistry 1 or **CHE10004** Introduction to Chemistry	**+12.5**	**MTH20017** Mathematical Methods and Statistics for Engineering	**+12.5**
BIO10004 Anatomy and Physiology	**+12.5**	**TNE20003** Internet and Cybersecurity for Engineering Applications	**+12.5**
EEE20006 Circuits & Electronics 1	**+12.5**	Science Major Unit	**+12.5**
ENG20010 Engineering Technology Design Project	**+12.5**	Science Major Unit	**+12.5**
EAT20008 Professional Experience in Engineering	**+0**		

Year Four

Semester 1		Semester 2	
COS20007 Object Oriented Programming	**+12.5**	**COS40007** Artificial Intelligence for Engineering	**+12.5**
ENG30002 Engineering Technology Sustainability Project	**+12.5**	**MBP30008** Clinical Practicum 2 - Cardio	**+12.5**
MBP20009 Medical Imaging Systems	**+12.5**	**EEE40017** Machine Vision	**+12.5**
MBP20011 Clinical Practicum 1 - Neuro	**+12.5**	Science Major Unit	**+12.5**

Year Five

Semester 1		Semester 2	
ENG40011 Engineering Technology Innovation Project	**+12.5**	**ENG40007** Engineering Technology Project A	**+12.5**
Science Major Unit	**+12.5**	**NPS20011** Societal Challenges in Science	**+12.5**
Science Major Unit	**+12.5**	**BME40005** Advanced Medical Imaging Systems	**+12.5**
Science Major Unit	**+12.5**	Science Major Unit	**+12.5**

Year Six

Semester 1	
ENG40008 Engineering Technology Project B	**+12.5**
NPS30004 Grand Challenges in Science	**+12.5**
BME40004 Medical and Regulatory Practics	**+12.5**
Science Major Unit	**+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 500 Credit Points

Core units
187.5 Credit points

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

First Major units
212.5 Credit points

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

Bachelor of Science Major
100 Credit point

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 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 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.