

Course enrolment planner

Bachelor of Engineering (Honours)/Bachelor of Business BB-ENGBUS1 Robotics and Mechatronics 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	
COS10025 Technology in an Indigenous Context Project	+12.5
ENG10002 Engineering Materials	+12.5
MTH10013 Linear Algebra and Applications	+12.5
PHY10001 Energy and Motion	+12.5

Year Two

	1		
Semester 1		Semester 2	
COS10009 Introduction to Programming	+12.5	ECO10005 Economics for Business Decision Making	+12.5
ENG10001 Humanitarian Engineering Design Project	+12.5	MKT10009 Marketing and the Consumer Experience	+12.5
ENG10003 Engineering Mechanics	+12.5	COS20007 Object Oriented Programming	+12.5
MTH10012 Calculus and Applications	+12.5	MEE20004 Structural Mechanics	+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	
+12.5	ENG20010 Engineering Technology Design Project	+12.5
+12.5	MEE20006 Engineering Dynamics	+12.5
+12.5	TNE20003 Internet and Cybersecurity for Engineering Applications	+12.5
+12.5	Business Major Unit	+12.5
+0		
	+12.5	+12.5 ENG20010 Engineering Technology Design Project +12.5 MEE20006 Engineering Dynamics +12.5 TNE20003 Internet and Cybersecurity for Engineering Applications +12.5 Business Major Unit

Year Four

Semester 1

ENG20009 Engineering Technology Inquiry Project	+12.5	EEE40017 Machine Vision	+12.5
ENG30002 Engineering Technology Sustainability Project	+12.5	ENG40011 Engineering Technology Innovation Project	+12.5
MEE20007 Design and Product Visualisation Product	+12.5	RME30003 Robotic Control	+12.5
MEE30005 Machine Design Project	+12.5	RME40002 Mechatronics Systems Design	+12.5
Year Five			

Semester 2

Semester 2

Semester 1

RME30002 Control and Automation	+12.5	ENG40007 Engineering Technology Project A	+12.5
Business Major Unit	+12.5	RME40003 Robot Systems Design	+12.5
Business Major Unit	+12.5	TNE30024 Deploying Secure Engineering Applications Online	+12.5
Business Major Unit	+12.5	Business Major Unit	+12.5
Year Six			

Semester 1

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 Robotics and Mechatronics
225 Credit points

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

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 Business

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 <u>University Timetable</u> <u>Planner</u> before enrolling into units.

•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•