

## 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	
<b>COS10025</b> Technology in an Indigenous Context Project	+12.5
<b>ENG10002</b> Engineering Materials	+12.5
<b>MTH10013</b> Linear Algebra and Applications	+12.5
<b>PHY10001</b> Energy and Motion	+12.5

### Year Two

Semester 1		Semester 2	
<b>COS10009</b> Introduction to Programming	+12.5	<b>ECO10005</b> Economics for Business Decision Making	+12.5
<b>ENG10001</b> Humanitarian Engineering Design Project	+12.5	<b>MKT10009</b> Marketing and the Consumer Experience	+12.5
<b>ENG10003</b> Engineering Mechanics	+12.5	<b>COS20007</b> Object Oriented Programming	+12.5
<b>MTH10012</b> Calculus and Applications	+12.5	<b>MEE20004</b> Structural Mechanics	+12.5

## Optional

Professional Placement	+37.5-+100
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	

### Year Three

Semester 1		Semester 2	
<b>ACC10007</b> Financial Information for Decision Making	+12.5	<b>ENG20010</b> Engineering Technology Design Project	+12.5
<b>INF10024</b> Business Digitalisation	+12.5	<b>MEE20006</b> Engineering Dynamics	+12.5
<b>EEE20006</b> Circuits & Electronics 1	+12.5	<b>TNE20003</b> Internet and Cybersecurity for Engineering Applications	+12.5
<b>MTH20017</b> Mathematical Methods and Statistics for Engineering	+12.5	Business Major Unit	+12.5
<b>EAT20008</b> Professional Experience in Engineering	+0		

### Year Four

Semester 1		Semester 2	
<b>ENG20009</b> Engineering Technology Inquiry Project	+12.5	<b>EEE40017</b> Machine Vision	+12.5
<b>ENG30002</b> Engineering Technology Sustainability Project	+12.5	<b>ENG40011</b> Engineering Technology Innovation Project	+12.5
<b>MEE20007</b> Design and Product Visualisation Product	+12.5	<b>RME30003</b> Robotic Control	+12.5
<b>MEE30005</b> Machine Design Project	+12.5	<b>RME40002</b> Mechatronics Systems Design	+12.5

### Year Five

Semester 1		Semester 2	
<b>RME30002</b> Control and Automation	+12.5	<b>ENG40009</b> Engineering Technology Project A (Eng/Bus)	+12.5
Business Major Unit	+12.5	<b>RME40003</b> Robot Systems Design	+12.5
Business Major Unit	+12.5	<b>TNE30024</b> Deploying Secure Engineering Applications Online	+12.5
Business Major Unit	+12.5	Business Major Unit	+12.5

### Year Six

Semester 1		Semester 2	
<b>ENG40010</b> Engineering Technology Project B (Eng/Bus)	+12.5		
Business Major Unit	+12.5		
Business Major Unit	+12.5		
Business 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

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.

### Business 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 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 **University Timetable Planner** before enrolling into units.

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