

# Course enrolment planner

## Bachelor of Engineering (Honours)/Bachelor of Business BB-ENGBUS1      Robotics and Mechatronics major

### 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.

### Year One

Semester 1		Semester 2	
COS10009 Introduction to Programming	+12.5	COS10025 Technology in an Indigenous Context Project	+12.5
ENG10001 Humanitarian Engineering Design Project	+12.5	ENG10002 Engineering Materials	+12.5
ENG10003 Engineering Mechanics	+12.5	MTH10013 Linear Algebra and Applications	+12.5
MTH10012 Calculus and Applications	+12.5	PHY10001 Energy and Motion	+12.5

### 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.

#### 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](#)

### Year Two

Semester 1		Semester 2	
ACC10007 Financial Information for Decision Making	+12.5	ECO10005 Economics for Business Decision Making	+12.5
INF10024 Business Digitalisation	+12.5	MKT10009 Marketing and the Consumer Experience	+12.5
EEE20006 Circuits & Electronics 1	+12.5	COS20007 Object Oriented Programming	+12.5
MTH20017 Mathematical Methods and Statistics for Engineering	+12.5	MEE20004 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		

### 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.

### Year Three

Semester 1		Semester 2	
ENG20009 Engineering Technology Inquiry Project	+12.5	ENG20010 Engineering Technology Design Project	+12.5
ENG30002 Engineering Technology Sustainability Project	+12.5	MEE20006 Engineering Dynamics	+12.5
MEE20007 Design and Product Visualisation Product	+12.5	TNE20003 Internet and Cybersecurity for Engineering Applications	+12.5
MEE30005 Machine Design Project	+12.5	Business Major Unit	+12.5
EAT20008 Professional Experience in Engineering	+0		

### Year Four

Semester 1		Semester 2	
Business Major Unit	+12.5	EEE40017 Machine Vision	+12.5
Business Major Unit	+12.5	ENG40011 Engineering Technology Innovation Project	+12.5
Business Major Unit	+12.5	RME30003 Robotic Control	+12.5
Business Major Unit	+12.5	RME40002 Mechatronics Systems Design	+12.5

### Year Five

Semester 1		Semester 2	
ENG40009 Engineering Technology Project A (Eng/Bus)	+12.5	ENG40010 Engineering Technology Project B (Eng/Bus)	+12.5
RME30002 Control and Automation	+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

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