

Course enrolment planner

Bachelor of Engineering (Honours)/Bachelor of Business BB-ENGBUS1 Electrical and Electronic 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.

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

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	EEE20005 Electrical Machines	+12.5
MTH20017 Mathematical Methods and Statistics for Engineering	+12.5	TNE20003 Internet and Cybersecurity for Engineering Applications	+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
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Year Three

Semester 1		Semester 2	
EEE30002 Electrical Power Systems	+12.5	EEE20013 Power Protection	+12.5
ENG20009 Engineering Technology Inquiry Project	+12.5	ENG20010 Engineering Technology Design Project	+12.5
ENG30002 Engineering Technology Sustainability Project	+12.5	TNE30024 Deploying Secure Engineering Applications Online	+12.5
RME30002 Control and Automation	+12.5	Business Major Unit	+12.5
EAT20008 Professional Experience in Engineering	+0		

Year Four

Semester 1		Semester 2	
COS40007 Artificial Intelligence for Engineering	+12.5	EEE30006 Hydrogen and Energy Storage	+12.5
EEE40015 Renewable Energy	+12.5	EEE40005 Power Electronics	+12.5
Business Major Unit	+12.5	EEE40007 Power System Operation and Control	+12.5
Business Major Unit	+12.5	ENG40011 Engineering Technology Innovation Project	+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
EEE40016 Design of Smart Power Grids	+12.5	Business Major Unit	+12.5
Business Major Unit	+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 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**

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.

