

Bachelor of Engineering (Honours)/Bachelor of Business **BB-ENGBUS1**

Mechanical 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 Context Pro	in an Indigenous ject	+12.5
ENG10002 Engineering	Materials	+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 <u>here</u> 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	
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	MTH10013 Linear Algebra and Applications	+12.5
MTH10012 Calculus and Applications	+12.5	MEE20003 Fluid Mechanics 1: Forces and Energy	+12.5

Year Three

Semester 1		Semester 2	
ACC10007 Financial Information for Decision Making	+12.5	MEE20005 Materials Processing and Machining	+12.5
INF10024 Business Digitalisation	+12.5	MEE20006 Engineering Dynamics	+12.5
MEE20001 Thermodynamics	+12.5	MEE30004 Solid Mechanics	+12.5
MEE20004 Structural Mechanics	+12.5	MME30002 Engineering Management Project	+12.5
EAT20008 Professional Experience in Engineering	+0		

Optional **Professional Placement**

You can choose to add an additional 6 month or 1 year p	lacement
to your course. The maximum credit points to complete y	your course

will be increased to accommodate the Professional Placement

+37.5-

+100

Semester 1

Year Four

MEE20007 Design and Product Visualisation Project	+12.5	MEE40001 Heat Transfer	+12.5
MEE20008 Vibration and Signal Analysis	+12.5	MEE40004 Fluid Mechanics 2: Machine, Supersonics and Modelling	+12.5
MEE30005 Machine Design Project	+12.5	MEE40010 Integrated Engineering Design Project	+12.5
MEE40011 Renewable Energy and Hydrogen Technologies	+12.5	Business Major Unit	+12.5
Year Five			

Semester 2

Semester 2

Semester 1

MEE30001 Manufacturing Engineering	+12.5	ENG40012 Final Year Capstone Project 1 (Eng/Bus)	+12.5
MEE30002 Control Engineering	+12.5	Business Major Unit	
MEE40003 Machine Dynamics	+12.5	Business Major Unit +	
Business Major Unit	+12.5	Business Major Unit +1	

+12.5
+12.5
+12.5
+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. **Engineering Major**

A set of compulsory units you

your Course.

MUST complete as part of

A set of compulsory units you $\ensuremath{\text{MUST}}$ 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?

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

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