Course enrolment planner

Bachelor of Engineering (Honours)/Bachelor of Business

BB-ENGBUS1

Mechanical 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
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 here 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	
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
MTH10012 Calculus and Applications	+12.5	**MEE20003** Fluid Mechanics 1: Forces and Energy	+12.5
MEE20001 Thermodynamics	+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 1		Semester 2	
MEE20007 Design and Product Visualisation Project	+12.5	**MEE20005** Materials Processing and Machining	+12.5
MEE20008 Vibration and Signal Analysis	+12.5	**MEE20006** Engineering Dynamics	+12.5
MEE30005 Machine Design Project	+12.5	**MEE30004** Solid Mechanics	+12.5
Business Major Unit	+12.5	**MME30002** Engineering Management Project	+12.5
EAT20008 Professional Experience in Engineering	+0		

Year Four

Semester 1		Semester 2	
MEE30001 Manufacturing Engineering	+12.5	**MEE40001** Heat Transfer	+12.5
MEE30002 Control Engineering	+12.5	**MEE40004** Fluid Mechanics 2: Machine, Supersonics and Modelling	+12.5
MEE40003 Machine Dynamics	+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 1		Semester 2	
ENG40012 Final Year Capstone Project 1 (Eng/Bus)	+12.5	**ENG40013** Final Year Capstone Project 2 (Eng/Bus)	+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	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
187.5 credit points

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

Engineering Major
212.5 Credit points

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

Arts Major units
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.