

Course enrolment planner

Bachelor of Engineering (Honours) - BH-ENG1 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 in an Indigenous Context Project	+12.5
ENG10001 Engineering Design and Innovation	+12.5
MTH10012 Calculus and Applications	+12.5
PHY10001 Energy and Motion	+12.5

Year Two

Semester 1		Semester 2	
COS10009 Introduction to Programming	+12.5	MEE20003 Fluid Mechanics 1: Forces and Energy	+12.5
ENG10002 Engineering Materials	+12.5	MEE20004 Structural Mechanics	+12.5
ENG10003 Engineering Mechanics	+12.5	MEE20005 Materials Processing and Machining	+12.5
MTH10013 Linear Algebra and Applications	+12.5	MEE20006 Engineering Dymanics	+12.5

Optional

Professional PlacementYou 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

+100

+37.5-

Year Three

emester 1 Semester 2		
+12.5	MEE30004 Solid Mechanics	+12.5
+12.5	MEE40011 Renewable Energy and Hydrogen Technologies	+12.5
+12.5	MME30002 Engineering Management Project	+12.5
+12.5	Elective	+12.5
+0		
	+12.5 +12.5 +12.5	+12.5 MEE30004 Solid Mechanics +12.5 MEE40011 Renewable Energy and Hydrogen Technologies +12.5 MME30002 Engineering Management Project +12.5 Elective

Year Four

Semester 1

MEE30001 Manufacturing Engineering	+12.5	ENG40005 Final Year Capstone Project 1	+12.5
MEE30002 Control Engineering	+12.5	MEE40001 Heat Transfer	+12.5
MEE30005 Machine Design Project	+12.5	MEE40004 Fluid Mechanics 2: Machine, Supersonics and Modelling	+12.5
MTH20010 Statistics and Computation for Engineering	+12.5	MEE40010 Integrated Engineering Design Project	+12.5
Year Five			

Semester 2

Semester 1

ENG40006 Final Year Capstone Project 2	+12.5
MEE40003 Machine Dynamics	+12.5
Elective	+12.5
Elective	+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 400 Credit Points

Core units

125 Credit points

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

Mechanical Major 225 Credit points

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

Elective units 50 Credit points

A combination of elective units, or a Minor.

Work Integrated Learning

FAQs

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

How can I find more information about my course including other Majors and/or Elective units?

(Honours)

Where can I find out more about

individual unit Information?

search for additional unit content.

What's a full-time study load?

100 credit points (8 units per year)

Visit the **Single Unit Search** page to

What's a part-time study load? 50 credit points (4 units per year) How can I plan my timetable?

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

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