Course enrolment planner

Bachelor of Engineering (Honours)/Bachelor of Science

BB-ENGSC1 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		Semester 1	
COS10009 Introduction to Programming	+12.5	**BIO10001** Concepts of Biology	+12.5
ENG10001 Engineering Design and innovation	+12.5	**ENG10002** Engineering Materials	+12.5
MTH10012 Calculus and Applications	+12.5	**ENG10003** Engineering Mechanics	+12.5
PHY10001 Energy and Motion	+12.5	**MTH10013** Linear Algebra and Applications	+12.5

Year Two

Semester 2		Semester 1	
COS10025 Technology in an Indigenous Context Project	+12.5	**CHE10001** Chemistry 1 OR **CHE10004** Introduction to Chemistry	+12.5
MEE20003 Fluid Mechanics 1: Dorces and Energy	+12.5	**MEE20001** Thermodynamics	+12.5
MEE20005 Materials Processing and Machining	+12.5	**MEE20004** Structural Mechanics	+12.5
MEE20006 Engineering Dynamics	+12.5	**MEE20007** Design and Product Visualisation Project	+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 2		Semester 1	
MEE30004 Solid Mechanics	+12.5	**MEE20008** Vibration and Signal Analysis	+12.5
MME30002 Engineering Management Project	+12.5	**MEE30001** Manufacturing Engineering	+12.5
Science Major Unit	+12.5	**MEE30005** Machine Design Project	+12.5
Science Major Unit	+12.5	**MTH20010** Statistics and Computation for Engineering	+12.5

Year Four

Semester 2		Semester 1	
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
Science Major Unit	+12.5	Science Major Unit	+12.5

Year Five

Semester 2		Semester 1	
ENG40005 Final Year Capstone Project 1	+12.5	**ENG40006** Final Year Capstone Project 2	+12.5
NPS20011 Societal Challenges in Science	+12.5	**NPS30004** Grand Challenges in Science	+12.5
Science Major Unit	+12.5	Science Major Unit	+12.5
Science Major Unit	+12.5	Science 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.

Bachelor of Science 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 Science**

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.