Course enrolment planner

Bachelor of Engineering (Honours)/Bachelor of Computer Science

BB-ENGCS1 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	**COS10004** Computer Systems	+12.5
COS10026 Computing Technology Inquiry Project	+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	**PHY10001** Energy and Motion	+12.5

Year Two

Semester 1		Semester 2	
MTH10012 Calculus and Applications	+12.5	**COS20007** Object Oriented Programming	+12.5
TNE10006 Networks and Switching	+12.5	**MTH10013** Linear Algebra and Applications	+12.5
MEE20001 Thermodynamics	+12.5	Computer Science Major Unit	+12.5
MEE20007 Design and Product Visualisation Project	+12.5	Computer Science Major Unit	+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	
MEE20003 Fluid Mechanics 1: Forces and Energy	+12.5	**MEE20004** Structural Mechanics	+12.5
MEE20008 Vibration and Signal Analysis	+12.5	**MEE20005** Materials Processing and Machining	+12.5
MTH20010 Statistics and Computation for Engineering	+12.5	**MEE20006** Engineering Dynamics	+12.5
Computer Science Major Unit	+12.5	**MME30002** Engineering Management Project	+12.5

Year Four

Semester 1		Semester 2	
MEE30001 Manufacturing Engineering	+12.5	**MEE30004** Solid Mechanics	+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
MEE40003 Machine Dynamics	+12.5	**MEE40010** Integrated Engineering Design Project	+12.5

Year Five

Semester 1		Semester 2	
EAT40005 Engineering Technology Project A	+12.5	**EAT40006** Engineering Technology Project B	+12.5
MEE40011 Renewable Energy and Hydrogen Technologies	+12.5	Computer Science Major Unit	+12.5
Computer Science Major Unit	+12.5	Computer Science Major Unit	+12.5
Computer Science Major Unit	+12.5	Computer 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.

Computer 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 Computer 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.