

# Course enrolment planner

## Bachelor of Engineering (Honours)/Bachelor of Computer Science BB-ENGCS1 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		
COS10009 Introduction to Programming	+12.5	
COS10026 Computing Technology Inquiry Project	+12.5	
ENG10001 Humanitarian Engineering Design Project	+12.5	
ENG10003 Engineering Mechanics	+12.5	

### Year Two

Semester 1		Semester 2	
COS10004 Computer Systems	+12.5	COS20007 Object Oriented Programming	+12.5
COS10025 Technology in an Indigenous Context Project	+12.5	MTH10013 Linear Algebra and Applications	+12.5
ENG10002 Engineering Materials	+12.5	Computer Science Major Unit	+12.5
PHY10001 Energy and Motion	+12.5	Computer Science Major Unit	+12.5

### Optional

<b>Professional Placement</b> 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
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### Year Three

Semester 1		Semester 2	
MTH10012 Calculus and Applications	+12.5	MEE20004 Structural Mechanics	+12.5
TNE10006 Networks and Switching	+12.5	MEE20005 Materials Processing and Machining	+12.5
MEE20001 Thermodynamics	+12.5	MEE20006 Engineering Dynamics	+12.5
MEE20007 Design and Product Visualisation Project	+12.5	MME30002 Engineering Management Project	+12.5
		EAT20008 Professional Experience in Engineering	+0

### Year Four

Semester 1		Semester 2	
MEE20003 Fluid Mechanics 1: Forces and Energy	+12.5	MEE30004 Solid Mechanics	+12.5
MEE30005 Machine Design Project	+12.5	MEE40001 Heat Transfer	+12.5
MTH20010 Statistics and Computation for Engineering	+12.5	MEE40004 Fluid Mechanics 2: Machine, Supersonics and Modelling	+12.5
Computer Science Major Unit	+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
MEE20008 Vibration and Signal Analysis	+12.5	Computer Science Major Unit	+12.5
MEE30002 Control Engineering	+12.5	Computer Science Major Unit	+12.5
MEE40011 Renewable Energy and Hydrogen Technologies	+12.5	Computer Science Major Unit	+12.5

### Year Six

Semester 1	
MEE30001 Manufacturing Engineering	+12.5
MEE40003 Machine Dynamics	+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.

