

# Bachelor of Engineering (Honours)/Bachelor of BusinessBB-ENGBUS1Software majorSemester 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	
<b>COS10025</b> Technology in an Indigenous Context Project	+12.5
ENG10002 Engineering Materials	+12.5
MTH10013 Linear Algebra and Applications	+12.5
PHY10001 Energy and Motion	+12.5

# Year Two

Semester 1		Semester 2	
COS10009 Introduction to Programming	+12.5	ECO10005 Economics for Business Decision Making	+12.5
<b>ENG10001</b> Humanitarian Engineering Design Project	+12.5	MKT10009 Marketing and the Consumer Experience	+12.5
ENG10003 Engineering Mechanics	+12.5	<b>COS20019</b> Cloud Computing Architecture	+12.5
MTH10012 Calculus and Applications	+12.5	TNE20003 Internet and Cybersecurity for Engineering Applications	+12.5

# Optional

#### **Professional Placement**

You can choose to add an additional 6 month or 1 year placement +37.5to your course. The maximum credit points to complete your course will be increased to accommodate the Professional Placement +100

## Year Three

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 Software

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

**Business 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 Business

Where can I find out more about individual unit information? Visit the <u>Single Unit Search</u> page to search for additional unit content.

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Semester 1		Semester 2	
ACC10007 Financial Information for Decision Making	+12.5	<b>COS30017</b> Software Development for Mobile Devices	+12.5
INF10024 Business Digitalisation	+12.5	ENG20010 Engineering Technology Design Project	+12.5
<b>COS20007</b> Object Oriented Programming	+12.5	+12.5 Software Testing and Reliability	
MTH20017 Mathematical Methods and Statistics for Engineering	+12.5	TNE30024 Deploying Secure Engineering Applications Online	+12.5
EAT20008 Professional Experience in Engineering	+0		

# Year Four

Semester 1		Semester 2		
<b>COS30008</b> Data Structures and Patterns	+12.5	<b>ENG40011</b> Engineering Technology Innovation Project	+12.5	
ENG20009 Engineering Technology Inquiry Project	+12.5	<b>SWE40006</b> Software Deployment and Evolution	+12.5	
<b>ENG30002</b> Engineering Technology Sustainability Project	+12.5	Business Major Unit	+12.5	
SWE30003 Software Architectures and Design	+12.5	Business Major Unit	+12.5	

# Year Five

Semester 1		Semester 2	
<b>COS30019</b> Introduction to Artificial Intelligence	+12.5	+12.5 EAT40005 Engineering Technology Project A (ENG/CS)	
<b>COS30043</b> Interface Design and Development	+12.5	Business Major Unit	+12.5
<b>COS40003</b> Concurrent Programming	+12.5	Business Major Unit	+12.5
<b>COS40007</b> Artificial Intelligence for Engineering	+12.5	Business Major Unit	+12.5

# Year Six

Semester 1	
EAT40006 Engineering Technology Project B (ENG/CS)	+12.5
Business Major Unit	+12.5
Business Major Unit	+12.5
Business Major Unit	+12.5

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

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