

# Bachelor of Engineering (Honours)/Bachelor of Business BB-ENGBUS1 Software 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	
<b>COS10025</b> Technology in an Indigenous Context Project	+12.5
ENG10002 Engineering Materials	+12.5
MTH00007* Preliminary Mathematics	+12.5
PHY10001 Energy and Motion	+12.5

\* Students who have completed VCE Mathematics Methods or Specialist Mathematics or equivalent are highly encouraged to complete MTH00007 Preliminary Mathematics as per their course plan. However, students may exercise the option of applying for a preclusion of this unit to do an elective unit instead. Students can do so via using the enrolment amendment form found <u>here</u> and ensuring evidence of completion of VCE Mathematics Methods or Specialist Mathematics or equivalent is included in the application. Mathematics or equivalent is included in the application.

# 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	MTH10013 Linear Algebra and Applications	+12.5
MTH10012 Calculus and Applications	+12.5	Business Major Unit	+12.5

## Year Three

Semester 1

Semester 2

# 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

187.5 credit points

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

# **Engineering Major** 212.5 Credit points

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

Arts Major units

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.

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?

ACC10007 Financial Information for Decision Making	+12.5	ENG20009 Engineering Technology Inquiry Project	+12.5
INF10024 Business Digitalisation	+12.5	ENG20010 Engineering Technology Design Project	+12.5
Business Major Unit	+12.5	TNE20003 Internet and Cybersecurity for Engineering Applications	+12.5
Business Major Unit	+12.5	Business Major Unit	+12.5
EAT20008 Professional Experience in Engineering	+0		

# 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 +100 will be increased to accommodate the Professional Placement

# Year Four

Semester 1		Semester 2	
<b>COS20007</b> Object Oriented Programming	+12.5	<b>COS30017</b> Software Development for Mobile Devices	+12.5
<b>COS20019</b> Cloud Computing Architecture	+12.5	<b>ENG40011</b> Enginnering Technology Innovation Project	+12.5
<b>ENG30002</b> Engineering Technology Sustainability Project	+12.5	<b>SWE30009</b> Software Testing and Reliability	+12.5
TNE30024 Deploying Secure Engineering Applications Online	+12.5	Business Major Unit	+12.5

# Year Five

Semester 1		Semester 2	
<b>COS30008</b> Data Structures and Patterns	+12.5	<b>EAT40005</b> Engineering Technology Project A (ENG/CS)	+12.5
<b>COS30019</b> Introduction to Artificial Intelligence	+12.5	<b>COS40003</b> Concurrent Programming	+12.5
<b>COS30043</b> Interface Design and Development	+12.5	<b>SWE40006</b> Software Deployment and Evolution	+12.5
SWE30003 Software Architectures and Design	+12.5	Business Major Unit	+12.5

# Year Six

#### Semester 1

<b>EAT40006</b> Engineering Technology Project B (ENG/CS)	+12.5
<b>COS40007</b> Artificial Intelligence for Engineering	+12.5
Business Major Unit	+12.5
Business Major Unit	+12.5

# <u>Planner</u> before enrolling into units.

•	•	•	-
•	•	•	٠
•	•	•	•
•	·		•
•		•	
•	•		•
÷	•		•
•	•		•
	•		•
•	•	•	
•	•		•
•	•	•	
•	•		•
•		•	
•	•		•
_			