Course enrolment planner

Bachelor of Engineering (Honours) - BH-ENG1
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	
COS10009 Introduction to Programming	+12.5
ENG10003 Engineering Mechanics	+12.5
MTH10012 Calculus and Applications	+12.5
MTH10013 Linear Algebra and Applications	+12.5

Year Two

Semester 1		Semester 2	
COS10025 Technology in an Indigenous Context Project	+12.5	PHY10001 Energy and Motion	+12.5
ENG10001 Engineering Design and Innovation	+12.5	COS20007 Object Oriented Programming	+12.5
ENG10002 Engineering Materials	+12.5	ENG20009 Engineering Technology Inquiry Project	+12.5
MTH20017 Mathematical Methods and Statistics for Engineering	+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 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	
COS20019 Cloud Computing Architecture	+12.5	COS30017 Software Development for Mobile Devices	+12.5
COS30008 Data Structures and Patterns	+12.5	ENG30002 Engineering Technology Sustainability Project	+12.5
COS30019 Introduction to Artificial Intelligence	+12.5	SWE40006 Software Deployment and Evolution	+12.5
ENG20010 Engineering Technology Design Project	+12.5	TNE30024 Deploying Secure Engineering Applications Online	+12.5
EAT20008 Professional Experience in Engineering	+0		

Year Four

Semester 1		Semester 2	
COS30043 Interface Design and Development	+12.5	ENG40005 Engineering Technology Project A (ENG/CS)	+12.5
COS40003 Concurrent Programming	+12.5	COS40007 Artificial Intelligence for Engineering	+12.5
ENG40011 Engineering Technology Innovation Project	+12.5	SWE30009 Software Testing and Reliability	+12.5
Elective	+12.5	Elective	+12.5

Year Five

Semester 1	
ENG40006 Engineering Technology Project B (ENG/CS)	+12.5
SWE30003 Software Architectures and Design	+12.5
Elective	+12.5
Elective	+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 400 Credit Points

Core units
125 Credit points

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

Software Major
225 Credit points

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

Elective units
50 Credit points

A combination of elective units, or a Minor.

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 including other Majors and/or Elective units?

Visit **Bachelor of Engineering (Honours)**

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.

+ = Credit points