Course enrolment planner

Bachelor of Engineering (Honours) / Bachelor of Arts BB-ENGART

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

Si	Semester 2	
Te	COS10025 Fechnology in an Indigenous Context Project	+12.5
H	ENG10001 Humanitarian Engineering Design Project	+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	MTH10013 Linear Algebra and Applications	+12.5
ENG10002 Engineering Materials	+12.5	ENG20009 Engineering Technology Inquiry Project	+12.5
ENG10003 Engineering Mechanics	+12.5	ENG20010 Engineering Technology Design Project	+12.5
MTH10012 Calculus and Applications	+12.5	TNE20003 Internet and Cybersecurity for Engineering Applications	+12.5

Year Three

Semester 1		Semester 2	
+12.5	COS30017 Software Development for Mobile Devices	+12.5	
+12.5	ENG40011 Enginnering Technology Innovation Project	+12.5	
+12.5	SWE30009 Software Testing and Reliability	+12.5	
+12.5			
	+12.5	+12.5 COS30017 Software Development for Mobile Devices +12.5 ENG40011 Enginnering Technology Innovation Project SWE30009 Software Testing and Reliability	

EAT20008 Professional Experience in +0 Engineering

your course. The maximum credit points to complete your course will be increased to accommodate the Professional Placement

Optional - Professional Placement

Year Four

You can choose to add an additional 6 month or 1 year placement to

+37.5-

Semester 1

ART10002 Technology and Society	+12.5	ART20003 Skills and Strategies for Social Change	+12.5
COS30008 Data Structures and Patterns	+12.5	Arts Major Unit	+12.5
COS30019 Introduction to Artificial Intelligence	+12.5	Arts Major Unit	+12.5
COS30043 Interface Design and Development	+12.5	Arts Major Unit	+12.5
Year Five			

Semester 2

EAT4000E

Semester 2

Semester 1

ART30004 Changemakers in Action	+12.5	Engineering Technology Project A (ENG/CS)	+12.5	
SWE30003 Software Architectures and Design	+12.5	COS40003 Concurrent Programming	+12.5	
Arts Major Unit	+12.5	SWE40006 Software Deployment and Evolution	+12.5	
Arts Major Unit	+12.5	Arts Major Unit	+12.5	
Year Six				

Semester 1

ART30005 BA Professional Practice	+12.5	
EAT40006 Engineering Technology Project B (ENG/CS)	+12.5	
COS40007 Artificial Intelligence for Engineering	+12.5	
Arts 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.

SWINBURNE UNIVERSITY OF TECHNOLOGY

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

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

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**

How can I find more information about my course including all

Visit **Bachelor of Eng/ Bachelor of** <u>Arts</u>

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**

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

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