### Course enrolment planner



# Biomedical 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 Indige Context Project	enous <b>+12.5</b>
<b>ENG10001</b> Humanitarian Engineeri Design Project	ing <b>+12.5</b>
MTH00007* Preliminary Mathematic	<b>+12.5</b>
PHY10001 Energy and Motion	+12.5

<sup>\*</sup> 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.  ${\it Mathematics or equivalent is included in the application.}$ 

## Year Two

Semester 1		Semester 2	
COS10009 Introduction to Programming	+12.5	MTH10013 Linear Algebra and Applications	+12.5
ENG10002 Engineering Materials	+12.5	BIO10004 Anatomy and Physiology	+12.5
ENG10003 Engineering Mechanics	+12.5	BME20001 Biomaterials and Biomechanics	+12.5
MTH10012 Calculus and Applications	+12.5	ENG20009 Engineering Technology Inquiry Project	+12.5

## Year Three

Semester 1		Semester 2	
EEE20006 Circuits & Electronics 1	+12.5	ENG30002 Engineering Technology Sustainability Project	+12.5
MBP20009 Medical Imaging Systems	+12.5	MBP30008 Clinical Practicum 2 - Cardio	+12.5
ENG20010 Engineering Technology Design Project	+12.5	MTH20017 Mathematical Methods and Statistics for Engineering	+12.5
MBP20011 Clinical Practicum 1 - Neuro	+12.5	TNE20003 Internet and Cybersecurity for Engineering Applications	+12.5
Cirrical Fracticul II 1 - Neuro		for Engineering Applications	

Engineering	. 0

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

Optional - Professional Placement

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

+100

+37.5-

# Year Four

Semester 1

EAT20008

ART10002 Technology and Society	+12.5	<b>ART20003</b> Skills and Strategies for Social Change	+12.5
COS20007 Object Oriented Programming	+12.5	Arts Major Unit	+12.5
ENG40011 Engineering Technology Innovation Project	+12.5	Arts Major Unit	+12.5
Arts Major Unit	+12.5	Arts Major Unit	+12.5
Year Five			

Semester 2

# Semester 1

ART30004 Changemakers in Action	+12.5	ENG40007 Engineering Technology Project A	+12.5
Arts Major Unit	+12.5	BME40005 Advanced Medical Imaging Systems	+12.5
Arts Major Unit	+12.5	EEE40017 Machine Vision	+12.5
Arts Major Unit	+12.5	Arts Major Unit	+12.5
Year Six			

Semester 2

## Semester 1

ART30005 BA Professional Practice	+12.5	
ENG40008 Engineering Technology Project B	+12.5	
BME40004 Medical and Regulatory Practics	+12.5	
COS40007 Artificial Intelligence for Engineering	+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  $\ensuremath{\text{MUST}}$  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 Majors 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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