### Course enrolment planner



# Civil 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
ENG10001 Humanitarian Engineering Design Project	+12.5
MTH00007* Preliminary Mathematics	+12.5
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. 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	MEE20003 Fluid Mechanics 1: Forces and Energy	+12.5
ENG10003 Engineering Mechanics	+12.5	MEE20004 Structural Mechanics	+12.5
MTH10012 Calculus and Applications	+12.5	Arts Major Unit	+12.5

## Year Three

Semester 1		Semester 2	
CVE20001 Topographical Engineering	+12.5	CVE20003 Design of Concrete Structures	+12.5
CVE20015 Digital Engineering Project	+12.5	CVE20004 Geomechanics	+12.5
CVE30001 Urban Water Resources	+12.5	CVE20005 Road Engineering	+12.5
CVE30002 Design of Steel Structures	+12.5	CVE30005 Cost Engineering Project	+12.5

Professional Experience in Engineering	+0

**Optional - Professional Placement** 

your course. The maximum credit points to complete your course will be increased to accommodate the 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
CVE30003 Transport Engineering	+12.5	+12.5 Arts Major Unit	
CVE40001 Geotechnical Engineering	+12.5	Arts Major Unit	+12.5
CVE40002 Structural Design of Low Rise Buildings	+12.5	Arts Major Unit	+12.5
Year Five			

Semester 2

Semester 2

# Semester 1

ART30004 Changemakers in Action	+12.5	<b>ENG40005</b> Final Year Capstone Project 1	+12.5
MME30002 Engineering Management Project	+12.5	CVE40006 Infrastructure Design Project	+12.5
Arts Major Unit	+12.5	CVE40011 Engineering Data Analytics and Applications	+12.5
Arts Major Unit	+12.5	Arts Major Unit	+12.5
Year Six			

# Semester 1

#### 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 Majors Visit **Bachelor of Eng/ Bachelor of** 

<u>Arts</u>

individual unit Information? Visit the **Single Unit Search** page to

Where can I find out more about

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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