SWIN BUR NE SWINBURNE UNIVERSITY OF TECHNOLOGY

Bachelor of Engineering (Honours)/Bachelor of Business
BB-ENGBUS1
Civil major

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 1		Semester 2	
ENG10001 Humanitarian Engineering Design Project	+12.5	COS10009 Introduction to Programming	+12.5
ENG10002 Engineering Materials	+12.5	COS10025 Technology in an Indigenous Context Project	+12.5
MTH00007* Preliminary Mathematics	+12.5	ENG10003 Engineering Mechanics	+12.5
PHY10001 Energy and Motion	+12.5	MTH10012 Calculus and Applications	+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 the enrolment amendment form found here 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	
ACC10007 Financial Information for Decision Making	+12.5	ECO10005 Economics for Business Decision Making	+12.5
CVE20001 Topographical Engineering	+12.5	CVE20003 Design of Concrete Structures	+12.5
CVE20015 Digital Engineering Project	+12.5	CVE20005 Road Engineering	+12.5
MEE20004 Structural Mechanics	+12.5	MEE20003 Fluid Mechanics 1: Forces and Energy	+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	
INF10024 Business Digitalisation	+12.5	MKT10009 Marketing and the Consumer Experience	+12.5
CVE30001 Urban Water Resources	+12.5	MTH10013 Linear Algebra and Applications	+12.5
CVE30002 Design of Steel Structures	+12.5	CVE20004 Geomechanics	+12.5
MME30002 Engineering Management Project	+12.5	Business Major Unit	+12.5
EAT20008 Professional Experience in Engineering	+0		

Year Four

Semester 1		Semester 2	
CVE30003 Transport Engineering	+12.5	CVE30005 Cost Engineering Project	+12.5
CVE40011 Geotechnical Engineering	+12.5	CVE40011 Engineering Data Analytics and Applications	+12.5
CVE40010 Water Engineering Design Project	+12.5	Business Major Unit	+12.5
Business Major Unit	+12.5	Business Major Unit	+12.5

Year Five

Semester 1		Semester 2	
ENG40012 Final Year Capstone Project 1 (Eng/Bus)	+12.5	ENG40013 Final Year Capstone Project 2 (Eng/Bus)	+12.5
CVE40002 Structural Design of Low Rise Buildings	+12.5	CVE40006 Infrastructure Design Project	+12.5
Business Major Unit	+12.5	Business Major Unit	+12.5
Business Major Unit	+12.5	Business 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.

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
100 Credit points

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 **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.