SWINBURNE UNIVERSITY OF TECHNOLOGY

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

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**

Year One

	Semester 2	
	COS10025 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

* 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 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	
COS10009 Introduction to Programming	+12.5	MTH10013 Linear Algebra and Applications	+12.5
ENG10002 Engineering Materials	+12.5	DDD10006 Introductory Design Studio	+12.5
ENG10003 Engineering Mechanics	+12.5	DIA10005 Interior Architecture Communication	+12.5
MTH10012 Calculus and Applications	+12.5	MEE20004 Structural Mechanics	+12.5

Year Three

Semester 1		Semester 2	
ARC10004 Architectural Engineering Studio Project 1	+12.5	ARC20006 Architectural Engineering Studio Project 2	+12.5
CVE20015 Digital Engineering Project	+12.5	ARC30004 Professional Practice 1: BIM (Building Information Management)	+12.5
DIA20003 Interior Architecture Digital Documentation 1	+12.5	CVE20003 Design of Concrete Structures	+12.5
Arts Major Unit	+12.5	MME30002 Engineering Management Project	+12.5

EAT20008 Professional Experience in Engineering	+0

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 Four

Semester 1		Semester 2	
ART10002 Technology and Society	+12.5	ART20003 Skills and Strategies for Social Change	+12.5
ARC40001 Architectural Engineering Major Project 1	+12.5	Arts Major Unit	+12.5
CVE30002 Design of Steel Structures	+12.5	Arts Major Unit	+12.5
Arts Major Unit	+12.5	Arts Major Unit	+12.5

Year Five

Semester 1		Semester 2	
ART30004 Changemakers in Action	+12.5	ENG40005 Final Year Capstone Project 1	+12.5
Arts Major Unit	+12.5	ARC40002 Architectural Engineering Major Project 2	+12.5
Arts Major Unit	+12.5	CVE20004 Geomechanics	+12.5
Arts Major Unit	+12.5	CVE40006 Infrastructure Design Project	+12.5

Year Six

Semester 1	
ART30005 BA Professional Practice	+12.5
ENG40006 Final Year Capstone Project 2	+12.5
CVE40001 Geotechnical Engineering	+12.5
CVE40002 Structural Design of Low Rise Buildings	+12.5