SWINBURNE UNIVERSITY OF TECHNOLOGY

Bachelor of Engineering (Honours)/Bachelor of Computer Science   Architectural major   BB-ENGCS1
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	
	COS10009 Introduction to Programming	+12.5
	COS10026 Computing Technology Inquiry Project	+12.5
	ENG10001 Humanitarian Engineering Design Project	+12.5
	ENG10003 Engineering Mechanics	+12.5

Year Two

Semester 1		Semester 2	
COS10004 Computer Systems	+12.5	COS20007 Object Oriented Programming	+12.5
COS10025 Technology in an Indigenous Context Project	+12.5	MTH10013 Linear Algebra and Applications	+12.5
ENG10002 Engineering Materials	+12.5	ARC10004 Architectural Engineering Studio Project 1	+12.5
PHY10001 Energy and Motion	+12.5	MEE20004 Structural Mechanics	+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	
MTH10012 Calculus and Applications	+12.5	ARC20006 Architectural Engineering Studio Project 2	+12.5
TNE10006 Networks and Switching	+12.5	ARC30004 Professional Practice 1: BIM (Building Information Management)	+12.5
DDD10006 Introductory Design Studio	+12.5	CVE20003 Structural Mechanics	+12.5
DIA10005 Interior Architecture Communication	+12.5	CVE20004 Geomechanics	+12.5
		EAT20008 Professional Experience in Engineering	+0

Year Four

Semester 1		Semester 2	
CVE20015 Digital Engineering Project	+12.5	ARC40002 Architectural Engineering Major Project 2	+12.5
CVE30002 Design of Steel Structures	+12.5	MME30002 Engineering Management Project	+12.5
DIA20003 Interior Architecture Digital Documentation 1	+12.5	Computer Science Major Unit	+12.5
MTH20010 Statistics and Computation for Engineering	+12.5	Computer Science Major Unit	+12.5

Year Five

Semester 1		Semester 2	
EAT40005 Engineering Technology Project A	+12.5	EAT40006 Engineering Technology Project B	+12.5
ARC40001 Architectural Engineering Major Project 1	+12.5	CVE40006 Infrastructure Design Project	+12.5
CVE40001 Geotechnical Engineering	+12.5	Computer Science Major Unit	+12.5
Computer Science Major Unit	+12.5	Computer Science Major Unit	+12.5

Year Six

Semester 1	
CVE40002 Structural Design of Low Rise Buildings	+12.5
Computer Science Major Unit	+12.5
Computer Science Major Unit	+12.5
Computer Science 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
175 Credit points

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

First Major units
225 Credit points

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

Computer Science Major
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 Computer Science**

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.

+ = Credit points