

Bachelor of Engineering (Honours)/Bachelor of Computer Science

BB-ENGSC1

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.

Year One

| Semester 2 | |
|--|-------|
| COS10009 Introduction to Programming | +12.5 |
| COS10026 Computing Technology Inquiry Project | +12.5 |
| ENG10001 Humanitarian Engineering Design Project | +12.5 |
| MTH00007* Preliminary Mathematics | +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 | | |
|--|------------|--|-------|
| 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 |
| MTH10012 Calculus and Applications | +12.5 | PHY10001 Energy and Motion | +12.5 |
| ARC10004 Architectural Engineering Studio Project 1 | +12.5 | Computer Science Major Unit | +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 | | |
|---|------------|---|-------|
| ENG10002 Engineering Materials | +12.5 | ARC20006 Architectural Engineering Studio Project 2 | +12.5 |
| ENG10003 Engineering Mechanics | +12.5 | DDD10006 Introductory Design Studio | +12.5 |
| TNE10006 Networks and Switching | +12.5 | DIA10005 Interior Architecture Communication | +12.5 |
| Computer Science Major Unit | +12.5 | MEE20004 Structural Mechanics | +12.5 |
| EAT20008 Professional Experience in Engineering | +0 | | |

Year Four

| Semester 1 | Semester 2 | | |
|--|------------|---|-------|
| 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 |
| Computer Science Major Unit | +12.5 | MME30002 Engineering Management Project | +12.5 |
| Computer Science Major Unit | +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 (ENG/CS) | +12.5 |
| ARC40001 Architectural Engineering Major Project 1 | +12.5 | ARC40002 Architectural Engineering Major Project 2 | +12.5 |
| CVE30002 Design of Steel Structures | +12.5 | CVE20004 Geomechanics | +12.5 |
| Computer Science Major Unit | +12.5 | CVE40006 Infrastructure Design Project | +12.5 |

Year Six

| Semester 1 | |
|--|-------|
| CVE40001 Geotechnical Engineering | +12.5 |
| CVE40002 Structural Design of Low Rise Buildings | +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

187.5 Credit points

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

First Major units

21.25 Credit points

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

Bachelor of Science Major

100 Credit point

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.

