

## Course enrolment planner

# **Bachelor of Engineering (Honours)** - BH-ENG1 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   |       |
|--|-------|
| COS10025<br>Technology in an Indigenous<br>Context Project | +12.5 |
| ENG10001<br>Engineering Design and<br>Innovation           | +12.5 |
| MTH10012<br>Calculus and Applications                      | +12.5 |
| PHY10001<br>Energy and Motion                              | +12.5 |

## Year Two

| Semester 1  | emester 1 Semester 2 |  |       |
|---|----------------------|--|-------|
| <b>COS10009</b><br>Introduction to<br>Programming | +12.5                | <b>CVE20001</b><br>Topographical Engineering   | +12.5 |
| ENG10002<br>Engineering Materials                 | +12.5                | CVE20004<br>Geomechanics                       | +12.5 |
| ENG10003<br>Engineering<br>Mechanics              | +12.5                | <b>CVE20015</b><br>Digital Engineering Project | +12.5 |
| MTH10013<br>Linear Algebra and<br>Applications    | +12.5                | MEE20004<br>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 +100

# Year Three

| Semester 1 Semester 2                                     |       | Semester 2  |       |
|---|-------|---|-------|
| MEE20003<br>Fluid Mechanics 1: Forces<br>and Energy       | +12.5 | <b>CVE20003</b><br>Design of Concrete<br>Structures | +12.5 |
| MTH20010<br>Statistics and Computation<br>for Engineering | +12.5 | CVE20005<br>Road Engineering                        | +12.5 |
| Elective  | +12.5 | MME30002<br>Engineering Management<br>Project       | +12.5 |
| Elective  | +12.5 | Elective  | +12.5 |
| EAT20008<br>Professional Experience in<br>Engineering     | +0    |   |       |

# 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 400 Credit Points

#### Core units

125 Credit points

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

# **Civil Major**

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

# **Elective units** 50 Credit point

A combination of elective units, or a Minor.

#### 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 including other Majors and/or Elective units?

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# Year Four

| Semester 1                                    |       | Semester 2   |       |
|---|-------|--|-------|
| <b>CVE30001</b><br>Urban Water Resources      | +12.5 | <b>ENG40005</b><br>Final Year Capstone Project 1           | +12.5 |
| <b>CVE30002</b><br>Design of Steel Structures | +12.5 | CVE40006<br>Infrastructure Design Project                  | +12.5 |
| <b>CVE30003</b><br>Transport Engineering      | +12.5 | <b>CVE40010</b><br>Water Engineering Design<br>Project     | +12.5 |
| CVE30005<br>Cost Engineering Project          | +12.5 | CVE40011<br>Engineering Data Analytics<br>and Applications | +12.5 |

# Year Five

#### Semester 1

| <b>ENG40006</b><br>Final Year Capstone Project 2              | +12.5 |
|---|-------|
| <b>CVE40001</b><br>Geotechnical Engineering                   | +12.5 |
| <b>CVE40002</b><br>Structural Design of Low Rise<br>Buildings | +12.5 |
| Elective  | +12.5 |

(Honours)

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 <u>University Timetable</u> <u>Planner</u> before enrolling into units.

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