

Bachelor of Engineering (Honours)/Bachelor of 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
ENG10001 Engineering Design and innovation	+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 \underline{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	
BIO10001 Concepts of Biology	+12.5	COS10025 Technology in an Indigenous Context Project	+12.5
ENG10002 Engineering Materials	+12.5	MTH10013 Linear Algebra and Applications	+12.5
ENG10003 Engineering Mechanics	+12.5	DDD10006 Introductory Design Studio	+12.5
MTH10012 Calculus and Applications	+12.5	DIA10005 Interior Architecture Communication	+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

CHE10001 Chemistry 1 OR CHE10004 Introduction to Chemistry	+12.5	ARC20006 Architectural Engineering Studio Project 2	+12.5
MEE20004 Structural Mechanics	+12.5	CVE20003 Design of Concrete Structures	+12.5
DIA20003 Interior Architecture Digital Documentation 1	+12.5	CVE20004 Geomechanics	+12.5
Science Major Unit	+12.5	Science Major Unit	+12.5
EAT20008 Professional Experience in Engineering	+0		

Semester 2

Semester 1

Year Four

ARC10004 Architectural Engineering Studio Project 1	+12.5	ARC30004 Professional Practice 1: BIM (Building Information Management)	+12.5
CVE20015 Digital Engineering Project	+12.5	MME30002 Engineering Management Project	+12.5
CVE30002 Design of Steel Structures	+12.5	Science Major Unit	+12.5
Science Major Unit	+12.5	Science Major Unit	+12.5
Year Five			

Semester 2

Semester 2

Semester 1

ENG40005 Final Year Capstone Project 1	+12.5	ENG40006 Final Year Capstone Project 2	+12.5
ARC40001 Architectural Engineering Major Project 1	+12.5	NPS20011 Societal Challenges in Science	+12.5
CVE40001 Geotechnical Engineering	+12.5	ARC40002 Architectural Engineering Major Project 2	+12.5
Science Major Unit	+12.5	CVE40006 Infrastructure Design Project	+12.5
Year Six			

Year Six		
Semester 1		
NPS30004 Grand Challenges in Science	+12.5	
CVE40002 Structural Design of Low Rise Buildings	+12.5	
Science Major Unit	+12.5	
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

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

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**

How can I find more information

about my course Visit **Bachelor of Engineering**

(Honours)/Bachelor of Science

individual unit information? Visit the **Single Unit Search** page to search for additional unit content.

Where can I find out more about

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.

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