

Course enrolment planner

Bachelor of Engineering (Honours)/Bachelor of Science Civil major **BB-ENGSC1**

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 1		Semester 2	
COS10009 Introduction to Programming	+12.5	COS10025 Technology in an Indigenous Context Project	+12.5
ENG10001 Engineering Design and innovation	+12.5	ENG10002 Engineering Materials	+12.5
MTH10012 Calculus and Applications	+12.5	ENG10003 Engineering Mechanics	+12.5
PHY10001 Energy and Motion	+12.5	MTH10013 Linear Algebra and Applications	+12.5

Year Two

Semester 1		Semester 2	
BIO10001 Concepts of Biology	+12.5	CHE10001 Chemistry 1 OR CHE10004 Introduction to Chemistry	+12.5
CVE20001 Topographical Engineering	+12.5	CVE20003 Design of Concrete Structures	+12.5
CVE20015 Digital Engineering Project	+12.5	CVE20004 Geomechanics	+12.5
MEE20004 Structural Mechanics	+12.5	MEE20003 Fluid Mechanics 1 - Forces and Enegry	+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

+37.5-

Year Three

Semester 1		Semester 2	
CVE30001 Urban Water Resources	+12.5	NPS20011 Societal Challenges in Science	+12.5
CVE30002 Design of Steel Structures	+12.5	CVE20005 Road Engineering	+12.5
CVE30005 Cost Engineering Project	+12.5	MME30002 Engineering Management Proejct	+12.5
MTH20010 Statistics and Computation for Engineering	+12.5	Science Major Unit	+12.5
EAT20008 Professional Experience in Engineering	+0		
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Year Four

Semester 1

NPS30004 Grand Challenges in Science	+12.5	CVE40006 Infrastructure Design Project	+12.5
CVE30003 Transport Engineering	+12.5	CVE40010 Water Engineering Design Project	+12.5
CVE40001 Geotechnical Engineering	+12.5	CVE40011 Engineering Data Analytics and Applications	+12.5
CVE40002 Structural Design of Low Rise Buildings	+12.5	Science Major Unit	+12.5
Year Five			

Semester 2

Semester 2

ENG40006

+12.5 Final Year Capstone

+12.5

Semester 1

ENG40005

Final Year Capstone

Project 1		Project 2	
Science Major Unit	+12.5	Science Major Unit	+12.5
Science Major Unit	+12.5	Science Major Unit	+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

175 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

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.

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