

PROGRAM PLAN

BACHELOR OF ENGINEERING (MINING TRANSFER PROGRAM)

PROGRAM OPTION:

Full time or Part time

START DATE:

Semester 2, 2017 - 2020

LOCATION:

Callaghan

This Program Plan is an enrolment guide to ensure you are on track to graduate. If at any time you wish to vary from this program plan seek advice from your Academic Program Advisor to ensure you remain on track.

 [PROGRAM HANDBOOK](#)

 [COURSE HANDBOOK](#)

NAME:

STUDENT NO.:

COURSE STATUS KEY

C = Completed

En = Enrolled

NS = Not Started

YEAR 1

SEMESTER 2	CIVL1100 Fundamentals of Engineering Mechanics	CIVL1200 Earth Systems	PHYS1205** Fundamentals of Engineering Physics	MATH1110* Mathematics for Engineering, Science and Technology 1 CORE <i>Replaces option of MATH1110 OR MATH1210</i>
	CORE	CORE	CORE	

YEAR 2

SEMESTER 1	ENGG1500 Introduction to Professional Engineering	MATH1120 Mathematics for Engineering, Science and Technology 2 CORE <i>Replaces option of MATH1120 OR MATH1220</i>	ENGG1003 Introduction to Procedural programming <i>(Replaces ENGG1002)</i>	SURV1200 Introduction to Surveying
	CORE			CORE

SEMESTER 2	CIVL2240 Civil Engineering Materials	ENGG2500 Sustainable Engineering Practice	CIVL2282 Introduction to Geomechanics	ENGG2300 Engineering Fluid Mechanics <i>(Replaces CIVL2310)</i>
	CORE	CORE	CORE	CORE

YEAR 3

SEMESTER 1	ENGG2100 Engineering Risk and Uncertainty <i>(Replaces CIVL2040)</i>	CIVL2060 Numerical Methods	CIVL2130 Theory of Structures 1	CIVL2720 Transportation Engineering and Design
	CORE	CORE	CORE	CORE

YEAR 4

Completed at either University of New South Wales or University of Wollongong – contact the university in the September before the year seeking transfer.
Students who wish to continue and transfer to the Bachelor of Civil Engineering (Honours) at the University of Newcastle should contact the Program Advisor in the September of Year 2.

YEAR 5

Completed at either University of New South Wales or University of Wollongong.

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To be eligible to graduate make sure you have completed 320 units (10 units = 1 course unless otherwise specified) which meet the following criteria:

- **Core courses** – 160 units (completed at the University of Newcastle)
 - * Enrolment in MATH courses is based on your assumed knowledge. To find out which MATH courses you should enrol in please see the [Enrolling in Maths information](#). More information in your [Program Handbook](#).
 - ** PHYS courses. Students choose to undertake PHYS1210 Advanced Physics 1 in lieu of PHYS1205 with Program Convenor approval.
- Years 3 and 4 completed at either the University of New South Wales or University of Wollongong.
- The duration of this program is 4 years full-time (40 units per semester) or part-time equivalent.
- The maximum time to complete this program is 10 years.



Some courses have assumed knowledge and/or requisites, please refer to the individual [Course Handbook](#). Please refer to the [Program Handbook](#) for specific information on program structure. If you are intending varying from this program plan please seek advice from your [Academic Program Advisor](#).