

PROGRAM PLAN

BACHELOR OF CHEMICAL ENGINEERING (HONOURS)

PROGRAM OPTION:

Full time or Part time

START DATE:

Semester 1, 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 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	SEMESTER	COURSE CODE	COURSE TITLE	COURSE TYPE
YEAR 1	SEMESTER 1	CHEM1010	Introduction to Chemistry I	CORE
		ENGG1003	Introduction to Procedural Programming	CORE
YEAR 1	SEMESTER 2	CHEE1000	Chemical Engineering Principles	CORE
		CHEM1020	Introductory Chemistry II	CORE
YEAR 2	SEMESTER 1	CHEE2325	Thermodynamics of Chemical Processes	CORE
		CHEE2945	Particle and Resources Engineering	CORE
YEAR 2	SEMESTER 2	CHEE2315	Fluid Mechanics for Chemical Engineers	CORE
		CHEE2695	Energy Transfer and Technologies	CORE
YEAR 3	SEMESTER 1	CHEE3325	Chemical Reactor Design	CORE
		CHEE3425	Chemical Process Safety	CORE
YEAR 3	SEMESTER 2	CHEE3745	Process Modelling and Separation Processes	CORE
		CHEE3825	Chemical Engineering Laboratory 2	CORE
YEAR 4	SEMESTER 1	CHEE4475	Dynamic Process Simulations and Control	CORE
		CHEE4945A	Chemical Engineering Design A	CORE
YEAR 4	SEMESTER 2	CHEE4945B	Chemical Engineering Design B	CORE
		CHEE4975A	Chemical Engineering Research A	CORE
		ENGG4500	Engineering Complexity	CORE
		ELECTIVE PATHWAY		ELECTIVE PATHWAY

COMPULSORY PROFESSIONAL PRACTICE: INDUSTRIAL EXPERIENCE - 12 WEEKS

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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** – 280 units

- * 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 may count PHYS1205 in lieu of PHYS1210 with Program Convenor approval.

Please also note the following regarding the multi-term sequence courses research courses:

- CHEE4945A Chemical Engineering Design A (10 units) and CHEE4945B Chemical Engineering Design B (10 units) must be completed in consecutive terms.
 - CHEE4975A Chemical Engineering Research A (10 units) and CHEE4975B Chemical Engineering Research B (10 units) must be completed in consecutive terms.

- **Elective Pathway** – 40 units, visit the [Program Handbook](#) for more information. Please be aware of the 120 unit maximum for 1000 level courses in your program when selecting your elective courses.
- It is also a compulsory program requirement that students complete a total of 12 weeks of [industrial experience](#).
- 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 [Program Advisor](#).