Bachelor of Chemical Engineering (Honours)

Commencing in Semester 1, 2017 to 2019 **Studying at 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 prior advice from your Program Advisor to ensure you remain on track.

See the next page for some helpful hints & tips!

THE UNIVERSITY OF NEWCASTLE AUSTRALIA

	Semester 1				Semester 2			
Year 1	CHEM1010 Introductory Chemistry I	ENGG1500 Introduction to Professional Engineering	MATH1110 * Mathematics for Engineering, Science and Technology 1	ENGG1003 Introduction to Procedural Programming	CHEE1000 Chemical Engineering Principles	CHEM1020 Introductory Chemistry II	PHYS1210** Advanced Physics I	MATH1120 Mathematics for Engineering, Science and Technology 2
Year 2	CHEE2325 Thermodynamics of Chemical Processes	CHEE2945 Particle and Resources Engineering	ENGG2500 Sustainable Engineering Practice	MATH2310 Calculus of Science and Engineering	CHEE2315 Fluid Mechanics for Chemical Engineers	CHEE2695 Energy Transfer and Technologies	CHEE2825 Chemical Engineering Laboratory 1	CHEE2935 Sustainable Engineering Practices
Year 3	CHEE3325 Chemical Reactor Design	CHEE3425 Chemical Process Safety	CHEE3735 Mass Transfer Processes	ENGG3500 Managing Engineering Projects	CHEE3745 Process Modelling and Separation Processes	CHEE3825 Chemical Engineering Laboratory 2	ELECTIVE PATHWAY	ELECTIVE PATHWAY
Year 4	CHEE4475 Dynamic Process Simulations and Control	CHEE4945A Chemical Engineering Design A	CHEE4975A Chemical Engineering Research A	ELECTIVE PATHWAY	CHEE4945B Chemical Engineering Design B	CHEE4975B Chemical Engineering Research B	ENGG4500 Engineering Complexity	ELECTIVE PATHWAY

Professional Practice: Industrial Experience 12 weeks

Program Plan Key: = Core = Elective Pathway = Compulsory Program Requirement

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.
- ✓ Elective Pathway – 40 units, visit the Program Handbook for more information.
- ✓ Students must not exceed 120 units at 1000 level in this program.
- ✓ It is also a 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.
The Program Handbook has valuable information on program structure and requirements, if you are intending on studying part time or varying from this program plan please seek prior advice from your Program Advisor.

Helpful Hints & Tips

ENROLMENT HELP

Need help? >>
Ask UON >>

How do I use the Web Timetable? >>

RULES

It is important to follow this Program Plan.

You cannot repeat a course you've passed to try and get a better grade.

You cannot enrol in any extra courses not required by your program >>

INFO FOR NEW STUDENTS

First year undergraduate students usually only enrol in 1000 level courses >>

New Postgraduate students should only enrol in 6000 level courses >>

Find out all you need to know about getting started at uni >>

UNDERSTANDING COURSES & PROGRAMS

Not sure what courses to study? >>

Understanding program and course jargon >>

Understanding UON Jargon >>

PRIOR STUDY

Check you have met the assumed knowledge and requisites for courses before enrolling >>

Have you studied elsewhere or transferred programs? Don't forget to apply for credit >>

CONSIDERING A BREAK?

Need to take a break? This is called a 'leave of absence'. Check if you are eligible >>

Planning on going overseas? Keep electives free, so it's easier for you to receive credit for your overseas studies >>

UON offers a range of support services to assist with your health and wellbeing >>

MORE QUESTIONS?

We are here to answer questions about your program. Talk to us your way!

- Ask UON
- 1300 ASK UON
- Visit Student Central
- Message us on Facebook
- or Twitter
- UONline via myUON