# Bachelor of Chemical Engineering (Honours)

**Commencing in Semester 2, 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](mailto:programadvisor@unsw.edu.au) to ensure you remain on track.

## Semester 1

<table>
<thead>
<tr>
<th>Year 1</th>
<th>CHEM1010 Introductory Chemistry I</th>
<th>ENGG1500 Introduction to Professional Engineering</th>
<th>MATH1120 Mathematics for Engineering, Science and Technology 1</th>
<th>ENGG1003 Introduction to Procedural Programming</th>
</tr>
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## Semester 2

<table>
<thead>
<tr>
<th>CHEE1000 Chemical Engineering Principles</th>
<th>MATH1110* Mathematics for Engineering, Science and Technology 1</th>
<th>PHYS1210** Advanced Physics I</th>
<th>ELECTIVE PATHWAY</th>
</tr>
</thead>
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<tr>
<th>CHEM1020 Introductory Chemistry II</th>
<th>CHEE2315 Fluid Mechanics for Chemical Engineers</th>
<th>CHEE2695 Energy Transfer and Technologies</th>
<th>CHEE2825 Chemical Engineering Laboratory 1</th>
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## Year 2

<table>
<thead>
<tr>
<th>CHEE2325 Thermodynamics of Chemical Processes</th>
<th>CHEE2945 Particle and Resources Engineering</th>
<th>ENGG2500 Sustainable Engineering Practice</th>
<th>MATH2310 Calculus of Science and Engineering</th>
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## Year 3

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<tr>
<th>CHEE2325 Chemical Reactor Design</th>
<th>CHEE4945A Chemical Engineering Design A</th>
<th>CHEE4975A Chemical Engineering Research A</th>
<th>ELECTIVE PATHWAY</th>
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<tr>
<th>CHEE3735 Mass Transfer Processes</th>
<th>CHEE3425 Chemical Process Safety</th>
<th>ENGG3500 Managing Engineering Projects</th>
<th>CHEE4475 Dynamic Process Simulations and Control</th>
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## Year 4

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<tr>
<th>CHEE4945B Chemical Engineering Design B</th>
<th>CHEE4975B Chemical Engineering Research B</th>
<th>ENGG4500 Engineering Complexity</th>
<th>ELECTIVE PATHWAY</th>
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## Year 5

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<tr>
<th>CHEE3735 Mass Transfer Processes</th>
<th>CHEE3425 Chemical Process Safety</th>
<th>ENGG3500 Managing Engineering Projects</th>
<th>CHEE4475 Dynamic Process Simulations and Control</th>
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**Program Plan Key:**
- = Core
- = Elective Pathway

**Compulsory Program Requirement**

Information correct as of November 2018 and subject to change.

| Program Code: 40055 | CRICOS Code: 018788M | CRICOS Provider: 00109J |
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

<table>
<thead>
<tr>
<th>ENROLMENT HELP</th>
<th>INFO FOR NEW STUDENTS</th>
<th>UNDERSTANDING COURSES &amp; PROGRAMS</th>
<th>PRIOR STUDY</th>
<th>CONSIDERING A BREAK?</th>
<th>MORE QUESTIONS?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Need help?</td>
<td>First year undergraduate students usually only enrol in 1000 level courses</td>
<td>Not sure what courses to study?</td>
<td>Check you have met the assumed knowledge and requisites for courses before enrolling</td>
<td>Need to take a break? This is called a ‘leave of absence’. Check if you are eligible</td>
<td>We are here to answer questions about your program. Talk to us your way!</td>
</tr>
<tr>
<td>Ask UON</td>
<td>New Postgraduate students should only enrol in 6000 level courses</td>
<td>Understanding program and course jargon</td>
<td>Have you studied elsewhere or transferred programs? Don’t forget to apply for credit</td>
<td>Planning on going overseas? Keep electives free, so it’s easier for you to receive credit for your overseas studies</td>
<td>Ask UON</td>
</tr>
<tr>
<td>How do I use the Web Timetable?</td>
<td>Find out all you need to know about getting started at uni</td>
<td>Understanding UON Jargon</td>
<td></td>
<td>UON offers a range of support services to assist with your health and wellbeing</td>
<td>1300 ASK UON</td>
</tr>
<tr>
<td>RULES</td>
<td>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</td>
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<td>Visit Student Central</td>
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<td>UONline via myUON</td>
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