

Chemical Engineering

Program / Degree: 3707 B. Engineering (Chemical Engineering)

Year	Term 1	UOC	Term 2	UOC	Term 3	UOC
1 st	CHEM1811 Engineering Chemistry 1A ENGG1000 Engineering Design and Innovation MATH1131 Maths 1A OR MATH1141 Higher Maths 1	6 6 6	CHEM1821 Engineering Chemistry 1B MATH1231 Maths 1B OR MATH1241 Higher Maths 1B ENG1811 Computing for Engineers	6 6 6	PHYS1121 Physics 1A OR PHYS1131 Higher Physics 1A <i>Year 1 Elective</i> <i>Gen Ed</i>	6 6 6
	Total UOC	18	Total UOC	18	Total UOC	18
2 nd	CEIC2000 Material and Energy Systems CEIC2001 Fluid and Particle Mechanics MATH2019 Engineering Maths 2E	6 6 6	CEIC2002 Heat and Mass Transfer CEIC2005 Chemical Reaction Engineering MATH2089 Numerical Methods and Stats	6 6 6	ENGG4901 Co-op Industry Training 1	12
	Total UOC	18	Total UOC	18	Total UOC (nominal)	12
3 rd	CEIC3000 Process Modelling Analysis CEIC3001 Adv. Thermodynamics and Separation CEIC3005 Process Plant Design	6 6 6	CEIC3004 Process Equipment and Design CEIC3006 Process Dynamics and Control CEIC3007 Experimental Practice	6 6 6	CEIC2004 Industrial Chemistry for Chemical Engineers CEIC2007 Chemical Engineering <i>Elective</i>	6 6 6
	Total UOC	18	Total UOC	18	Total UOC	18
4 th	ENGG4902 Co-op Industry Training 2A	12	ENGG4902 Co-op Industry Training 2B ENGG4902 Co-op Industry Training 3A	6 6	ENGG4902 Co-op Industry Training 3B	12
	Total UOC (nominal)	12	Total UOC (nominal)	12	Total UOC (nominal)	12
5 th	CEIC4001 Process Design Project CEIC4951 Thesis A	12 4	<i>Discipline Elective</i> CEIC4000 Environment & Sustainability CEIC4952 Thesis B	6 6 4	<i>Elective</i> <i>Gen Ed</i> <i>CEIC4953 Thesis C</i>	6 6 4
	Total UOC	16	Total UOC	16	Total UOC	16

Notes:

- This is a SAMPLE study outline only and can be subject to change.
- You must always take your Industry Training schedule into consideration when planning your course enrolment or other commitments (see diagram below).
- Engineering Year 1 Elective options: <https://www.engineering.unsw.edu.au/study-with-us/first-year-engineering-electives-list>
- Discipline Electives: a comprehensive list approved Discipline Electives can be obtained from the School.

Resources:

- UNSW Handbook: <https://www.handbook.unsw.edu.au/undergraduate/specialisations/2021/ceicah?q=chemical%20engineering>
- School: <https://www.engineering.unsw.edu.au/chemical-engineering>
- Co-op: <https://www.coop.unsw.edu.au/programs/chemical-engineering-chm>

Co-op Academic Coordinator

For enrolment related questions please always contact your Co-op Academic Coordinator in the first instance:

Dr Emma Lovell

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When would I be on Industry Training (IT)?

