

Chemical Product Engineering

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

Year	Term 1	UOC	Term 2	UOC	Term 3	UOC
1 st	ENGG1000 Engineering Design and Innovation CHEM1811 Engineering Chemistry 1A MATH1131 Maths 1A OR MATH1141 Higher Maths 1	6 6 6	ENGG1811 Computing for Engineers CHEM1821 Engineering Chemistry 1B MATH1231 Maths 1B OR MATH1241 Higher Maths 1B	6 6 6	CHEM2041 Analytical Chem: Essential Methods <i>Engineering Year 1 Elective</i> PHYS1121 Physics 1A OR PHYS1131 Higher Physics 1A	6 6 6
	Total UOC	18	Total UOC	18	Total UOC	18
2 nd	CEIC2000 Material & Energy Systems CEIC2001 Fluid & Particle Mechanics MATH2089 Numerical Methods & Stats	6 6 6	CEIC2002 Heat and Mass Transfer CEIC2005 Chemical Reaction Engineering CHEM2021 Organic Chem: Mech & Biomolecules	6 6 6	<i>ENGG4901 Co-op Industry Training 1</i>	12
	Total UOC	18	Total UOC	18	Total UOC (nominal)	12
3 rd	CHEM3021 Organic Chem: Modern Synthetic Strategies CEIC3005 Process Plant Design MATH2018 Engineering Maths 2D	6 6 6	POLY3000 Polymer Science CEIC8204 Topics in Business Management in Chemical Engineering Gen Ed	6 6 6	CHEM2031 Inorganic Chem: The Elements <i>Discipline Elective</i> <i>General Education option</i>	6 6 6
	Total UOC	18	Total UOC	18	Total UOC	18
4 th	<i>ENGG4902 Co-op Industry Training 2A</i>	12	<i>ENGG4902 Co-op Industry Training 2B</i> <i>ENGG4902 Co-op Industry Training 3A</i>	6 6	<i>ENGG4902 Co-op Industry Training 3B</i>	12
	Total UOC (nominal)	12	Total UOC (nominal)	12	Total UOC (nominal)	12
5 th	CEIC4007 Product Design Project A <i>CEIC6711 Complex Fluids</i> CEIC3001 Adv Thermodynamics and Separation	6 6 6	CEIC4008 Product Design Project B CEIC4000 Environment & Sustainability Elective	6 6 6	<i>Discipline Elective</i> <i>Discipline Elective</i>	6 6
	Total UOC	18	Total UOC	18	Total UOC	12

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/CEICDH>
- School: <https://www.engineering.unsw.edu.au/study-with-us/undergraduate-degrees/chemical-product-engineering>
- Co-op: <https://www.coop.unsw.edu.au/programs/chemical-product-engineering-inc>

Co-op Academic Coordinator

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

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When would I be on Industry Training (IT)?

