

Bachelor of Engineering (Chemical Engineering) – 2020 Mid Year Entry

Teaching Period 1, 2021		Teaching Period 2, 2021	
Study Period 3	MA1003 :03 Mathematical Techniques PREREQ: MA1000, MA1011 or MA1009		
Study Period 1	Major Subject CH1001 :03 Chemistry: A Central Science PREREQ: CH1020, EG1010 or High School Senior Chemistry	Study Period 2	Major Subject CH1002 :03 Chemistry: Principles and Applications PREREQ: CH1001 or CH1011
Study Period 1	Major Subject CL2501 :03 Process Analysis PREREQ: EG1010	Study Period 2	EG1011 :03 Statics and Dynamics PREREQ: PH1005 or (Mathematics C and Physics)
Study Period 1	PH1005 :03 Advanced Stream Physics 1 PREREQ: Mathematics B or MA1020 or MA1000 or MA1008	Study Period 2	Major Subject EE3600 :03 Automatic Control 2 PREREQ: EG1012 and MA2000
Study Period 1	MA2000 :03 Mathematics for Scientists and Engineers PREREQ: MA1003	Study Period 2	Major Subject CL2502 :03 Chemical Engineering Thermodynamics PREREQ: CL2501 and MA2000
Teaching Period 1, 2022		Teaching Period 2, 2022	
		Study Period 7	EG3000 :03 Engineering Project Management PREREQ: EG1000, EG1002, EG1010, EG1011, EG1012, MA1000, MA1003 and either (PH1005 or EG1001) or 36 credit points
Study Period 1	EG1000 :03 Engineering 1	Study Period 2	Major Subject CH2103 :03 Analytical Chemistry PREREQ: CH1001 or CH1011
Study Period 1	Major Subject ME2512 :03 Thermofluid Mechanics PREREQ: EG1011	Study Period 2	Major Subject ME3512 :03 Heat and Mass Transfer PREREQ: MA2000
Study Period 1	Major Subject CL3021 :03 Mass Transfer Operations PREREQ: CL2501 and MA2000	Study Period 2	Major Subject CS3008 :03 Fluid Mechanics PREREQ: MA2000 and ME2512
Study Period 1	Major Subject CL3030 :03 Reactor Design PREREQ: CL2501 and MA2000	Study Period 2	Major Subject CL4538 :03 Bioprocess Engineering PREREQ: CL2502 or CL3010 and CL3021 and CL3030

Teaching Period 1, 2023		Teaching Period 2, 2023	
Study Period 1	EG4011: 03 Thesis Part 1 of 2 PREREQ: 72 credit points	Study Period 2	EG4012: 03 Thesis Part 2 of 2 PREREQ: EG4011
Study Period 1	Major Subject CL4071: 03 Chemical Engineering Design (Part 1 of 2) PREREQ: CL3010 and CL3021 and CL3030 and CL4538 and CS3008 and ME3512	Study Period 2	Major Subject CL4072: 03 Chemical Engineering Design (Part 1 of 2) PREREQ: CL4071
Study Period 1	EG1002: 03 Computing and Sensors	Study Period 2	Major Subject CL4537: 03 Minerals and Solids Processing PREREQ: must have completed 48 credit points toward BEngineering
Study Period 1	Minor Subject/Elective Subject (depending on chosen structure)	Study Period 2	Minor Subject/Elective Subject (depending on chosen structure)
Teaching Period 1, 2024			
Study Period 1	Major Subject CL4040: 03 Safety, Environment and Sustainability in the Process Industry PREREQ: must have completed 48 credit points toward BEngineering		
Study Period 1	Minor Subject/Elective Subject (depending on chosen structure)		
Study Period 1	Minor Subject/Elective Subject (depending on chosen structure)		

PROFESSIONAL ACCREDITATION STATUS

This course is accredited by Engineers Australia. Graduates are immediately eligible for graduate membership of Engineers Australia and, following a period of professional practice, may become Chartered Professional Engineers (CPEng).

ADDITIONAL COMPLETION REQUIREMENTS

Approved exposure to Professional Engineering Practice, including required activities and industry placement, equivalent to a minimum 60 days full-time industry placement.

Must hold current Senior First Aid certificate at the time of graduation.

SPECIAL REQUIREMENTS (MAJORS AND MINORS)

Some subjects in each of the majors and minors may require students to participate in field trips, site visits or other off-campus activities. A fee may be charged by the College for transport or subsistence associated with these trips

SPECIAL ASSESSMENT REQUIREMENTS

The engineering thesis topic must be specific to the student's chosen engineering major

ADDITIONAL INFORMATION

[Bachelor of Engineering course handbook](#)
[Chemical Engineering major handbook](#)