

## Bachelor of Engineering (Honours) (Chemical Engineering)

Useful study planning/enrolment resources:

- [Subject Search](#)
- [Academic Calendars](#)
- [Class Registration](#)
- [Enrolment Resources](#)

The information in the study planner is current at the time of creation may be subject to future change.

If you would prefer a part-time study plan, please adjust the below study planner; reviewing subject prerequisites to ensure you are on track for course completion.

2023	TEACHING PERIOD 1		TEACHING PERIOD 2	
	Study Period 1	EG1000:03 Engineering 1	Study Period 2	EG1010:03 Process Engineering
	Study Period 1	EG1002:03 Computing and Sensors	Study Period 2	EG1011:03 Statics and Dynamics <i>PREREQ: PH1005 or (Physics and Maths C)</i>
	Study Period 1	MA1000:03 Mathematical Foundations <i>PREREQ: MA1020 or MA0020 or Maths B or Maths C</i>	Study Period 2	EG1012:03 Electric Circuits
	Study Period 1	PH1005:03 Advanced Stream Physics <i>PREREQ: Maths B or MA1020 or MA0020 or MA1008</i>	Study Period 2	MA1003:03 Mathematical Techniques <i>PREREQ: MA1000 or MA1011 or MA1009</i>

2024	TEACHING PERIOD 1		TEACHING PERIOD 2	
	Study Period 1	MA2000:03 Mathematics for Scientists and Engineers <i>PREREQ: MA1003</i>	Study Period 2	<b>Major</b> CH1002:03 Chemistry: Principles and Applications <i>PREREQ: CH1001 or CH1011 and allow concurrent for CH1011 and CH1001</i>
	Study Period 1	<b>Major</b> CH1001:03 Chemistry: A Central Science <i>PREREQ: CH1020, CH0020 or EG1010 or High School Senior Chemistry</i>	Study Period 2	<b>Major</b> CL2502:03 Chemical Engineering Thermodynamics <i>PREREQ: CL2501 and MA2000</i>
	Study Period 1	<b>Major</b> CL2501:03 Process Analysis <i>PREREQ: EG1010</i>	Study Period 2	<b>Major</b> CS3008:03 Fluid Mechanics <i>PREREQ: MA2000 and ME2512</i>
	Study Period 1	<b>Major</b> ME2512:03 Thermofluid Mechanics <i>PREREQ: EG1011</i>	Study Period 2	Minor Subject/Elective Subject (depending on chosen structure)

		TEACHING PERIOD 1		TEACHING PERIOD 2	
<b>2025</b>	Study Period 1	EG3000:03 Introduction to Systems Engineering and Project Management <i>PREREQ: EG1000 and EG1002 and EG1010 and EG1011 and EG1012 and MA1000 and MA1003 and (PH1005 or EG1001) or 36 credit points</i>	Study Period 2	<b>Major</b> CH2103:03 Analytical Chemistry <i>PREREQ: CH1001 or CH1011</i>	
	Study Period 1	<b>Major</b> CL3021:03 Mass Transfer Operations <i>PREREQ: CL2501 and MA2000</i>	Study Period 2	<b>Major</b> EE3600:03 Automatic Control 1 <i>PREREQ: EG1012 and MA2000</i>	
	Study Period 1	<b>Major</b> CL3030:03 Reactor Design <i>PREREQ: CL2501 and MA2000</i>	Study Period 2	<b>Major</b> ME3512:03 Heat and Mass Transfer <i>PREREQ: MA2000</i>	
	Study Period 1	Minor Subject/Elective Subject (depending on chosen structure)	Study Period 2	<b>Major</b> CL4538:03 Bioprocess Engineering <i>PREREQ: CL2502 or CL3010 and CL3021 and CL3030</i>	

		TEACHING PERIOD 1		TEACHING PERIOD 2	
<b>2026</b>	Study Period 1	EG4011:03 Thesis Part 1 of 2 <i>PREREQ: 72 credit points in 116209</i>	Study Period 2	EG4012:03 Thesis Part 2 of 2 <i>PREREQ: EG4011</i>	
	Study Period 1	<b>Major</b> CL4040:03 Safety, Environment and Sustainability in the Process Industries <i>PREREQ: must have completed 48 credit points of Engineering subjects</i>	Study Period 2	<b>Major</b> CL4537:03 Minerals and Solids Processing <i>PREREQ: must have completed 48 credit points of Engineering subjects</i>	
	Study Period 1	<b>Major</b> CL4071:03 Chemical Engineering Design (Part 1 of 2) <i>PREREQ: (CL2502 or CL3010) and CL3021 and CL3030 and CS3008 and CL4538 and ME3512</i>	Study Period 2	<b>Major</b> CL4072:03 Chemical Engineering Design (Part 2 of 2) <i>PREREQ: CL4071</i>	
	Study Period 1	Minor Subject/Elective Subject (depending on chosen structure)	Study Period 2	Minor Subject/Elective Subject (depending on chosen structure)	

### COURSE HANDBOOK

[2023 Bachelor of Engineering \(Hons\) Handbook](#)  
[Chemical Engineering Major](#)