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.

	TEACHING PERIOD 1		TEACHING PERIOD 2	
2024	Study Period 1	MA1000:03 Mathematical Foundations *PREREQ: MA1020 or MA0020 or Maths B or Maths C*	Study Period 2	EG1012:03 Electric Circuits
	Study Period 1	EG1002:03 Computing and Sensors	Study Period 2	EG1011:03 Statics and Dynamics *PREREQ: PH1005 or (Physics and Maths C)*
	Study Period 1	EG1000:03 Engineering 1	Study Period 2	EG1010:03 Process Engineering
	Study Period 1	PH1005:03 Advanced Stream Physics *PREREQ: Maths B or MA1020 or MA0020 or MA1008*	Study Period 2	MA1003:03 Mathematical Techniques *PREREQ: MA1000 or MA1011 or MA1009*

	TEACHING PERIOD 1		TEACHING PERIOD 2	
2025	Study Period 1	MA2000:03 Mathematics for Scientists and Engineers *PREREQ: MA1003*	Study Period 2	**Major** CH1002:03 Chemistry: Principles and Applications *PREREQ: CH1001 or CH1011 and allow concurrent for CH1011 and CH1001*
	Study Period 1	**Major** CH1001:03 Chemistry: A Central Science *PREREQ: CH1020, CH0020 or EG1010 or High School Senior Chemistry*	Study Period 2	**Major** CL2502:03 Chemical Engineering Thermodynamics *PREREQ: CL2501 and MA2000*
	Study Period 1	**Major** CL2501:03 Process Analysis and Sustainability *PREREQ: EG1010*	Study Period 2	**Major** CS3008:03 Fluid Mechanics *PREREQ: MA2000 and ME2512*
	Study Period 1	**Major** ME2512:03 Thermofluid Mechanics *PREREQ: EG1011*	Study Period 2	Minor Subject/Elective Subject (depending on chosen structure)

	TEACHING PERIOD 1		TEACHING PERIOD 2	
2026	Study Period 1	EG3000:03 Introduction to Systems Engineering and Project Management *PREREQ: EG1000 and EG1002 and EG1010 and EG1011 and EG1012 and MA1000 and MA1003 and (PH1005 or EG1001) or 36 credit points*	Study Period 2	**Major** CH2103:03 Analytical Chemistry *PREREQ: CH1001 or CH1011*
	Study Period 1	**Major** CL3021:03 Mass Transfer Operations *PREREQ: CL2501 and MA2000*	Study Period 2	**Major** EE3600:03 Automatic Control 1 *PREREQ: EG1012 and MA2000*
	Study Period 1	**Major** CL3030:03 Reactor Design *PREREQ: CL2501 and MA2000*	Study Period 2	**Major** ME3512:03 Heat and Mass Transfer *PREREQ: MA2000*
	Study Period 1	Minor Subject/Elective Subject (depending on chosen structure)	Study Period 2	**Major** CL4538:03 Bioprocess Engineering *PREREQ: CL2502 or CL3010 and CL3021 and CL3030*

	TEACHING PERIOD 1		TEACHING PERIOD 2	
2027	Study Period 1	EG4011:03 Thesis Part 1 of 2 *PREREQ:* 72 credit points in 116209	Study Period 2	EG4012:03 Thesis Part 2 of 2 *PREREQ: EG4011*
	Study Period 1	**Major** CL4040:03 Safety, Environment and Sustainability in the Process Industries *PREREQ: must have completed 48 credit points of Engineering subjects*	Study Period 2	**Major** CL4537:03 Minerals and Solids Processing *PREREQ: must have completed 48 credit points of Engineering subjects*
	Study Period 1	**Major** CL4071:03 Chemical Engineering Design (Part 1 of 2) *PREREQ: (CL2502 or CL3010) and CL3021 and CL3030 and CS3008 and CL4538 and ME3512*	Study Period 2	**Major** CL4072:03 Chemical Engineering Design (Part 2 of 2) *PREREQ: CL4071*
	Study Period 1	Minor Subject/Elective Subject (depending on chosen structure)	Study Period 2	Minor Subject/Elective Subject (depending on chosen structure)

COURSE HANDBOOK

Bachelor of Engineering (Hons) Handbook
Chemical Engineering Major