Bachelor of Engineering (Honours)(Chemical Engineering) - Bachelor of Information Technology

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	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 *PREREQ: PH1005 OR (Physics and Maths C)*
	Study Period 1	PH1005:03 Advanced Stream Physics 1 *PREREQ: Maths B or MA1020 or MA0020 or MA1000 or MA1008. Allow concurrent for MA1000 and MA1008*	Study Period 2	EG1012:03 Electric Circuits
	Study Period 1	MA1000:03 Mathematical Foundations *PREREQ: MA1020 or MA0020 or Maths B or Maths C or Admission to 116309*	Study Period 2	MA1003:03 Mathematical Techniques *PREREQ: MA1000 or MA1011 or MA1009*

2025	TEACHING PERIOD 1		TEACHING PERIOD 2	
	Study Period 1	**Major** CH1001:03 Chemistry: A Central Science *PREREQ: CH1020, CH0020 or EG1010 or High School Senior Chemistry*	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** CL2501:03 Process Analysis and Sustainability *PREREQ: EG1010*	Study Period 2	**Major** CH2103:03 Analytical Chemistry *PREREQ: CH1001 or CH1011*
	Study Period 1	MA2000:03 Mathematics for Scientists and Engineers *PREREQ: MA1003*		

TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
CP1402:03 Internet Fundamentals		CP1403:03 Design Thinking I
		CP1404:04 Programming II *PREREQ: CP1801 or CP1401 or CP1200 or EG1002 or CP2200 or SC1201*

2026	TEACHING PERIOD 1		TEACHING PERIOD 2	
	Study Period 1	**Major** ME2512:03 Thermofluid Mechanics *PREREQ: EG1011*	Study Period 2	**Major** CL2502:03 Chemical Engineering Thermodynamics *PREREQ: CL2501 and MA2000*
	Study Period 1	**Major** CL3021:03 Mass Transfer Operations *PREREQ: CL2501 and MA2000*	Study Period 2	**Major** CS3008:03 Fluid Mechanics *PREREQ: MA2000 and ME2512*
	Study Period 1	**Major** CL3030:03 Reactor Design *PREREQ: CL2501 and MA2000*		

TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
Select 3 credit points of subjects from **List 1**		CP2404:03 Database Modelling
		CP2406:03 Programming III *PREREQ: CP1404 or CP1804 or CP1300*

2027		TEACHING PERIOD 1		TEACHING PERIOD 2
	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 MA10003 and (PH1005 or EG1001)or 36 credit points*	Study Period 2	**Major** EE3600:03 Automatic Control 1 *PREREQ: EG1012 and MA2000*
	Study Period 1	Select 3 credit points of any undergraduate subjects **OR** choose MA1020 Preparatory Mathematics if required to undertake	Study Period 2	**Major** ME3512:03 Heat and Mass Transfer *PREREQ: MA2000*

TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
CP3407:03 Advanced Software Engineering *PREREQ: CP1404 or CP1804 and 18 credit points of CP subjects*		Select 3 credit points of subjects from **List 2**
Select 3 credit points of subjects from **List 2**		Select 3 credit points of subjects from **List 2**

2028		TEACHING PERIOD 1		TEACHING PERIOD 2
	Study Period 1	EG4011:03 Thesis Part 1 of 2 *PREREQ: 96 Credit Points in 116309*	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: CL2501*	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	Select 3 credit points of any undergraduate subjects **OR** choose MA1020 Preparatory Mathematics if required to undertake	Study Period 2	**Major** CL4538:03 Bioprocess Engineering *PREREQ: CL2502 or CL3010 and CL3021 and CL3030*

ADDITIONAL INFORMATION

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.

COURSE HANDBOOK

Bachelor of Engineering - Bachelor of Information Technology Handbook
Chemical Engineering