Bachelor of Engineering (Honours) [Embedded] – Bachelor of Science

BEng (Chemical Engineering) – BSc Major not specified

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	
2023	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	MA1000:03 Mathematical Foundations *PREREQ: MA1020 or MA0020 or Maths B or Maths C*	Study Period 2	EG1012:03 Electric Circuits
	Study Period 1	PH1005:03 Advanced Stream Physics 1 *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	
2024	Study Period 1	MA2000:03 Mathematics for Scientists and Engineers *PREREQ: MA1003*	Study Period 2	**BEng major** CH1002:03 Chemistry: Principles and Applications *PREREQ: CH1001 or CH1011 and allow concurrent for CH1011 and CH1001*
	Study Period 1	**BEng major** CH1001:03 Chemistry: A Central Science *PREREQ: CH1020 or EG1010 or High School Senior Chemistry*	Study Period 2	**BEng major** CH2103:03 Analytical Chemistry *PREREQ: CH1001*
	Study Period 1	**BEng major** CL2501:03 Process Analysis *PREREQ: EG1010*	Study Period 2	**BEng major** CL2502:03 Chemical Engineering Thermodynamics *PREREQ: CL2501 and MA2000*
	Study Period 1	**BSc Major**	Study Period 2	**BSc Major**

	TEACHING PERIOD 1		TEACHING PERIOD 2	
2025	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	**BEng major** EE3600:03 Automatic Control 1 *PREREQ: EG1012 and MA2000*
	Study Period 1	SC2202:03 Quantitative Methods in Science *PREREQ: At least two level 1 science subjects* **OR** SC2209:03 Quantitative Methods in Science – Advanced *PREREQ: At least two level1 science subjects*	Study Period 2	**BEng major** CS3008:03 Fluid Mechanics *PREREQ: MA2000 and ME2512*
	Study Period 1	**BEng major** ME2512:03 Thermofluid Mechanics *PREREQ: EG1011*	Study Period 2	**BSc Major**
	Study Period 1	**BSc Major**	Study Period 2	Select 3 credit points of any Level 2 or 3 Science subjects

	TEACHING PERIOD 1		TEACHING PERIOD 2	
2026	Study Period 1	**BEng major** CL3021:03 Mass Transfer Operations *PREREQ: CL2501 and MA2000*	Study Period 2	**BEng major** ME3512:03 Heat and Mass Transfer *PREREQ: MA2000*
	Study Period 1	**BEng major** CL3030:03 Reactor Design *PREREQ: CL2501 and MA2000*	Study Period 2	**BEng major** CL4538:03 Bioprocess Engineering *PREREQ: (CL2502 or CL3010) and CL3021 and CL3030*
	Study Period 1	**BSc Major**	Study Period 2	**BSc Major**
	Study Period 1	**BSc Major**	Study Period 2	**BSc Major**

	TEACHING PERIOD 1		TEACHING PERIOD 2	
2027	Study Period 1	EG4011:03 Thesis Part 1 of 2 *PREREQ: 72 credit points of subjects*	Study Period 2	EG4012:03 Thesis Part 2 of 2 *PREREQ: EG4011*
	Study Period 1	**BEng major** CL4040:03 Safety, Environment and Sustainability in the Process Industries *PREREQ: 48 credit points of subjects*	Study Period 2	**BEng major** CL4537:03 Minerals and Solids Processing *PREREQ: 48 credit points of subjects towards Bachelor of Engineering*
	Study Period 1	**BEng major** CL4071:03 Chemical Engineering Design (Part 1 of 2) *PREREQ: (CL2502 or CL3010) and CL3021 and CL3030 and CL4538 and CS3008 and ME3512*	Study Period 2	**BEng major** CL4072:03 Chemical Engineering Design (Part 2 of 2) *PREREQ: CL4071*
	Study Period 1	Select 3 credit points of any Level 2 or 3 Science subjects	Study Period 2	3 credit points of any undergraduate subject

COURSE HANDBOOK

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Chemical Engineering Major