

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.

2024	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>

2025	TEACHING PERIOD 1		TEACHING PERIOD 2	
	Study Period 1	MA2000:03 Mathematics for Scientists and Engineers <i>PREREQ: MA1003</i>	Study Period 2	BEng major CH1002:03 Chemistry: Principles and Applications <i>PREREQ: CH1001 or CH1011 and allow concurrent for CH1011 and CH1001</i>
	Study Period 1	BEng major CH1001:03 Chemistry: A Central Science <i>PREREQ: CH1020, CH0020 or EG1010 or High School Senior Chemistry</i>	Study Period 2	BEng major CH2103:03 Analytical Chemistry <i>PREREQ: CH1001 or CH1011</i>
	Study Period 1	BEng major CL2501:03 Process Analysis <i>PREREQ: EG1010</i>	Study Period 2	BEng major CL2502:03 Chemical Engineering Thermodynamics <i>PREREQ: CL2501 and MA2000</i>
	Study Period 1	BSc Major	Study Period 2	BSc Major

2026	TEACHING PERIOD 1		TEACHING PERIOD 2	
	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	BEng major CS3008:03 Fluid Mechanics <i>PREREQ: MA2000 and ME2512</i>
	Study Period 1	SC2202:03 Quantitative Methods in Science <i>PREREQ: SC1102 OR SC1109 OR ADMISSION TO BACHELOR OF BUSINESS AND ENVIRONMENTAL SCIENCE OR ADMISSION TO BACHELOR OF ENGINEERING (HONOURS)</i> OR SC2209:03 Quantitative Methods in Science – Advanced <i>PREREQ: MA1003 and ((SC1109 plus 6 credit points of other Level 1 subjects) or admission in 116409)</i>	Study Period 2	BEng major EE3600:03 Automatic Control 1 <i>PREREQ: EG1012 and MA2000</i>
	Study Period 1	BEng major ME2512:03 Thermofluid Mechanics <i>PREREQ: EG1011</i>	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

2027	TEACHING PERIOD 1		TEACHING PERIOD 2	
	Study Period 1	BEng major CL3021:03 Mass Transfer Operations <i>PREREQ: CL2501 and MA2000</i>	Study Period 2	BEng major ME3512:03 Heat and Mass Transfer <i>PREREQ: MA2000</i>
	Study Period 1	BEng major CL3030:03 Reactor Design <i>PREREQ: CL2501 and MA2000</i>	Study Period 2	BEng major CL4538:03 Bioprocess Engineering <i>PREREQ: CL2502 or CL3010 and CL3021 and CL3030</i>
	Study Period 1	BSc Major	Study Period 2	BSc Major
	Study Period 1	BSc Major	Study Period 2	BSc Major

2028	TEACHING PERIOD 1		TEACHING PERIOD 2	
	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	BEng major 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	BEng major CL4537:03 Minerals and Solids Processing <i>PREREQ: must have completed 48 credit points of Engineering subjects</i>
	Study Period 1	BEng major 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	BEng major CL4072:03 Chemical Engineering Design (Part 2 of 2) <i>PREREQ: CL4071</i>
	Study Period 1	Select 3 credit points of any Level 2 or 3 Science subjects	Study Period 2	Select MA1020:03 Preparatory Mathematics (if recommended by the college) OR 3 credit points of any undergraduate subject

ADDITIONAL INFORMATION

Students are expected to complete the core Level 1 Engineering subjects of the course before commencing their chosen major.

COURSE HANDBOOK

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