

CHECKLIST Bachelor of Engineering (Honours)/Master of Engineering – Chemical & Environmental Engineering (2350): Completion of pre-2021 program

Full name: _____ Student Number: _____ Date: _____

Points to note

- You need to ensure that you meet minimum program and major requirements (listed below)
- You cannot count the same course twice
- You need to ensure that you don't take courses that are incompatible with courses that you have already counted towards your program, and that any prerequisites have been met

You must complete for the BE(Hons)/ME (Chemical & Environmental Engineering Plan code: CHENVW2350), 80 units comprising -

- 72 units being all courses from part A – compulsory (listed below), and
- 4 units from part N – electives, and
- 4 units from electives, being courses on the BE(Hons)/ME list or courses which are chosen from any other undergraduate program course list at the university)

PART A

Tick the courses you have completed and nominate the alternative course you plan to choose (if required). Discontinued courses are coloured red.

✓/X compl.	Pre-2021 Part A list	#	Last offered	If NOT completed – you can choose*:	Sem offering	#	First offered	✓/X compl.
	72 units, being all courses from: Part A - compulsory							
	ENGG1100 Engineering Design (2) and ENGG1200 Engineering Modelling & Problem Solving (2) (discontinued) OR ENGG1211 Engineering Design, Modelling & Problem Solving (4) (discontinued)	2 2 4	 2/20 2/20	ENGG1100 Professional Engineering and * If you have not completed ENGG1200, please contact EAIT Student Admin for replacement	1,2	2 2		
	MATH1051 Calculus & Linear Algebra I OR MATH1071 Advanced Calculus & Linear Algebra I	2		MATH1051 Calculus & Linear Algebra I OR MATH1071 Advanced Calculus & Linear Algebra I	1,2	2		
	MATH1052 Multivariate Calculus & Ordinary Differential Equations OR MATH1072 Advanced Multivariate Calculus & Ordinary Differential Equations	2		MATH1052 Multivariate Calculus & Ordinary Differential Equations OR MATH1072 Advanced Multivariate Calculus & Ordinary Differential Equations	1,2	2		
	CHEM1100 Chemistry 1	2		CHEM1100 Chemistry 1	1,2	2		
	ENGG1500 Engineering Thermodynamics	2		ENGG1500 Thermodynamics: Energy and the Environment	1,2	2		
	CHEE1001 Principles of Biological Engineering (discontinued)	2	1/20	BIOE1001 Principles of Biomedical & Bioprocess Engineering	1	2	1/21	
	CHEE2001 Process Principles	2		CHEE2001 Process Principles	1,2	2		
	CHEM1200 Chemistry 2	2		CHEM1200 Chemistry 2	1,2,S	2		
	MATH2000 Calculus & Linear Algebra II (discontinued) OR MATH2001 Advanced Calculus & Linear Algebra II	2	2/20	MATH2001 Calculus & Linear Algebra II	1,2,S	2		
	CHEE2003 Fluid & Particle Mechanics	2		CHEE2003 Fluid & Particle Mechanics (moved to semester 1 in 2022)	1	2	1/22	
	CHEE2010 Engineering Investigation & Statistical Analysis	2		CHEE2010 Engineering Investigation & Statistical Analysis (moved to semester 1 in 2022)	1	2	1/22	
	CHEM2056 Physical Chemistry for Engineering	2		CHEM2056 Physical Chemistry for Engineering (moved to semester 1 in 2022)	1	2	1/22	

✓ - course already completed X – course to be undertaken

Checked by (Faculty: Name and Date): _____

CHEE2501 Environmental Systems Engineering I: Processes (discontinued)	2	2/20	ENVE2501 Environmental Systems	2	2	2/21	
CHEE3002 Heat & Mass Transfer (discontinued)	2	1/22	CHEE2040 Heat & Mass Transfer	2	2	2/22	
CHEE3003 Chemical Thermodynamics (discontinued)	2	1/22	CHEE2030 Chemical Thermodynamics	2	2	2/22	
CHEE3020 Process Systems Analysis	2		CHEE3020 Process Systems Analysis (* moves to semester 2 in 2023)	1*	2		
ENVM3103 Regulatory Frameworks for Environmental Management & Planning	2		ENVM3103 Regulatory Frameworks for Environmental Management & Planning	1	2		
CHEE3004 Unit Operations	2		CHEE3004 Unit Operations (** moves to semester 1 in 2023)	2**	2		
CHEE3005 Reaction Engineering	2		CHEE3005 Reaction Engineering (** moves to semester 1 in 2023)	2**	2		
CIVL3141 Hydrology and Hydrological Risk (discontinued)	2	2/23	CIVL3155 Hydrology & Free Surface Flows (NEW)	2	2	2/22	
CHEE3007 Process Modelling & Dynamics OR CIVL3150 Modelling of Environmental Systems (discontinued)	2	2/20	CHEE3007 Process Modelling & Dynamics OR ENVE3150 Environmental System Dynamics and Modelling (NEW)	2	2		
CHEE4002 Risk in Process Industries	2		CHEE4002 Risk in Process Industries	2	2		
CHEE4009 Transport Phenomena	2		CHEE4009 Transport Phenomena	1	2		
CHEE4060 Process & Control System Synthesis (discontinued)	2	1/23	CHEE2020 Process Equipment & Control Systems (NEW)	2	2	2/22	
ENGY4000 Energy Systems	2		ENGY4000 Energy Systems	1	2		
ENGG7290 Engineering Placement Semester (8)	8		ENGG7290 Engineering Placement Semester (8)	1,2	8		
CHEE7111 Advanced Process and System Modelling	2		CHEE7111 Advanced Process and System Modelling	1	2		
CHEE7113 Whole of Process Optimisation and Control	2		CHEE7113 Whole of Process Optimisation and Control	1	2		
ENGG4900 Professional Practice and the Business Environment	2		ENGG4900 Professional Practice and the Business Environment	1,2	2		
CHEE7103 Chemical Engineering ME Design Project	4		CHEE7103 Chemical Engineering ME Design Project	1	4		
ENGG7701 Engineering Grand Challenges	2		ENGG7701 Engineering Grand Challenges	2	2		
Part A units completed pre-2021:			Part A units to be substituted/completed:				
			Total – Part A (must add up to 72 units):				

Once you have completed the checklist, you may either email your checklist to the Faculty on enquiries@eit.uq.edu.au or book an appointment with an Academic Advisor directly.

BE(Hons)/ME Transition Plan – Chemical & Environmental Engineering continuation

Checked by (Faculty: Name and Date): _____

PART N

✓/X compl.	4 units from: Part N - Electives	#	Last offered	If NOT completed – you can choose*:	Sem offering	#	First offered	✓/X compl.
	CHEE7112 Integrated Safety Design and Management	2		CHEE7112 Integrated Safety Design and Management	1	2		
	CHEE7502 Sustainable Bioresource Engineering (discontinued)	2		no replacement course available	1	2		
	CIVL7131 Urban Hydrology	2		CIVL7131 Urban Hydrology	1	2		
	ENVM7512 Environmental Problem Solving	2		ENVM7512 Environmental Problem Solving	1	2		
	ENVM7524 Carbon & Energy Management	2		ENVM7524 Carbon & Energy Management	2	2		
	MGTS7523 System Dynamics	2		MGTS7523 System Dynamics	2	2		
	TIMS7317 Corporate Sustainability	2		TIMS7317 Corporate Sustainability	1	2		
	WATR7103 Advanced Wastewater and Biosolids Treatment	2		WATR7103 Advanced Wastewater and Biosolids Treatment	2	2		
	WATR7104 Sewer Networks - Design, Operation and Maintenance	2		WATR7104 Sewer Networks - Design, Operation and Maintenance	2	2		
	WATR7105 Integrated Urban Water Management (discontinued 1/20)	2	1/20	WATR6105 Integrated Urban Water Management (from 1/21)	1	2	1/21	
	WATR7106 Emerging Issues in the Urban Water Cycle and Public Health (discontinued 2/20)	2	2/20	WATR6106 Emerging Issues in the Urban Water Cycle and Public Water (from 2/21)	2	2	2/21	
	WATR7107 Wastewater Modelling and Control	2		WATR7107 Wastewater Modelling and Control	2	2		
	WATR7109 Drinking Water Supply: Source, Treatment and Distribution (discontinued 1/20)	2	1/20	WATR6109 Drinking Water Supply: Source, Treatment, Distribution (from 1/21)	1	2	1/21	

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