

Academic Chair: [Linda Li](#)

Start Date: Semester 2 2026

Minor: Engineering Design

Year 1 – 2026	Semester 1 Units	CP	Semester 2 Units	CP
				ENG526 Postgraduate Engineering Skills and Tools
			ENG544 Engineering Sustainability	3
			ENG572 Design of Water Treatment Unit Operations	3
			ENG622 Industrial Ecology (Symbiosis)	3
	Total		Total	12
Year 2 - 2027	Semester 1 Units	CP	Semester 2 Units	CP
	ENG500 Finance, Management, Ethics and Law	3	ICT515 Foundations of Data Science	3
	ENG570 Circular Economy and Innovation	3	ENG630 Hydrogen Systems	3
	ENG571 Hydrology and Water Cycle Management	3	ENG605 Design Project (H) ¹	3
	ENG573 Integrated Waste Management for Resource Recovery	3	ENG543 Modelling and Systems Engineering	3
			ENG100 Engineering Professional Practice (H)	0
	Total	12	Total	12
Year 3 - 2028	Semester 1 Units	CP	Semester 2 Units	CP
	GRD503 Design Thinking Tools	3		
	ENG621 Land Use Planning and Green Infrastructure	3		
	Specified Elective (S1)	3		
	ENG605 Design Project (H)	3		
	ENG100 Engineering Professional Practice (H)	0		
	Total	12		

TOTAL CREDIT POINTS 48

Specified Electives

ENV554 Sustainable Land and Water Management S1
ENV556 Principles of Environmental Impact Assessment S1
ENV557 Advanced Environmental Management S1
ENG551 Microcontrollers and Data Communication S1
ENG553 Industrial Process Control S1
ENG552 Industrial Control Systems S1
ICT606 Machine Learning S1
SIK502 Wandju Boodja (Welcome to Country) S1

ENG100 Engineering Professional Practice (0 CP)

Master of Engineering Practice students should complete **450 hours** of approved work experience to complete the requirements of the course.

¹ Students enrolling in ENG605 (H) need to pay the full unit fee (6 cpts) at the commencement of the teaching period.

Minor: Engineering Research

Students who wish to enrol in the Thesis Project must demonstrate an average 70% or greater WAM equivalent (2.8 GPA equivalent) during their first 24 cpts of study in the Master of Engineering Practice course, or alternatively can enrol with permission from the Academic Chair.

Year 1 – 2026	Semester 1 Units	CP	Semester 2 Units	CP
				ENG526 Postgraduate Engineering Skills and Tools
			ENG544 Engineering Sustainability	3
			ENG572 Design of Water Treatment Unit Operations	3
			ENG622 Industrial Ecology (Symbiosis)	3
	Total		Total	12
Year 2 - 2027	Semester 1 Units	CP	Semester 2 Units	CP
	ENG500 Finance, Management, Ethics and Law	3	ICT515 Foundations of Data Science	3
	ENG570 Circular Economy and Innovation	3	ENG630 Hydrogen Systems	3
	ENG571 Hydrology and Water Cycle Management	3	ENG606 Thesis Project (H) ²	3
	ENG573 Integrated Waste Management for Resource Recovery	3	ENG543 Modelling and Systems Engineering	3
			ENG100 Engineering Professional Practice (H)	0
	Total	12	Total	12
Year 3 - 2028	Semester 1 Units	CP	Semester 2 Units	CP
	ENG621 Land Use Planning and Green Infrastructure	3		
	ENG606 Thesis Project (H)	9		
	ENG100 Engineering Professional Practice (H)	0		
	Total	12		

TOTAL CREDIT POINTS 48

Please note: This course plan is a sample only and must be read in conjunction with the full course structure, unit prerequisites and enrolment options as outlined in the [Handbook](#). Students should note that due to unit prerequisites, commencing study in Semester 2 may extend the duration of the course. This information is correct as at 06/06/2026.

² Students enrolling in ENG606 (H) need to pay the full unit fee (12 CP) at the commencement of the teaching period.