

Major – Strategic Decarbonisation & Major – Renewable and Sustainable Energy

Academic Chair: Xiangpeng Gao
X.Gao@murdoch.edu.au

Start Date: Trimester 3 2026

Year 1 – 2026	Trimester 1 Units	CP	Trimester 2 Units	CP	Trimester 3 Units	CP
						ENS500 Just Transition - Renewable Energy and Beyond
					ENS503 Life Cycle Assessment	3
					ENS504 Climate Change Science and Policy	3
					ENS506 Economics and Policy for a Low-Carbon Future	3
					Total	12
Year 2 – 2027	Trimester 1 Units	CP	Trimester 2 Units	CP	Trimester 3 Units	CP
	ENS501 Sustainability and Climate Related Reporting	3	ENS601 Decarbonising Heavy Industry	6		
	ENS502 Carbon Management	3	ENS602 Renewable Energy Resources and System Modelling	6		
	ENS505 Carbon Markets and Offsets in Practice	3				
	ENS507 Energy Efficiency and Management	3				
	Total	12	Total	12		

TOTAL CREDIT POINTS 36

Trimester 1 notes	Trimester 2 notes	Trimester 3 notes

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](#). This information is correct as at 05/06/2026.

Major – Strategic Decarbonisation & Major – Sustainable Cities and Infrastructure

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Start Date: Trimester 3 2026

Year 1 – 2026	Trimester 1 Units	CP	Trimester 2 Units	CP	Trimester 3 Units	CP
					ENS500 Just Transition - Renewable Energy and Beyond	3
					ENS503 Life Cycle Assessment	3
					ENS504 Climate Change Science and Policy	3
					ENG570 Circular Economy and Innovation	3
					Total	12
Year 2 – 2027	Trimester 1 Units	CP	Trimester 2 Units	CP	Trimester 3 Units	CP
	ENS501 Sustainability and Climate Related Reporting	3	ENS601 Decarbonising Heavy Industry	6		
	ENS502 Carbon Management	3	ENS603 Smart Sustainable Cities, Infrastructure and Buildings	6		
	ENS505 Carbon Markets and Offsets in Practice	3				
	ENS508 Climate Change Risk Assessment and Adaptation Planning	3				
	Total	12	Total	12		

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Major – Strategic Decarbonisation & Major – Corporate Sustainability Management

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						ENS500 Just Transition - Renewable Energy and Beyond
					ENS502 Carbon Management	3
					ENS504 Climate Change Science and Policy	3
					MBS696 Business Intelligence and Analytics	3
					Total	12
Year 2 – 2027	Trimester 1 Units	CP	Trimester 2 Units	CP	Trimester 3 Units	CP
	ENS501 Sustainability and Climate Related Reporting	3	ENS601 Decarbonising Heavy Industry	6		
	ENS505 Carbon Markets and Offsets in Practice	3	ENS509 Corporate Sustainability Management Practice	3		
	MBS662 Business, Society and the Environment	6	ENS503 Life Cycle Assessment	3		
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					ENS503 Life Cycle Assessment	3
					ENS506 Economics and Policy for a Low-Carbon Future	3
					ENG570 Circular Economy and Innovation	3
					Total	12
Year 2 – 2027	Trimester 1 Units	CP	Trimester 2 Units	CP	Trimester 3 Units	CP
	ENS501 Sustainability and Climate Related Reporting	3	ENS602 Renewable Energy Resources and System Modelling	6		
	ENS502 Carbon Management	3	ENS603 Smart Sustainable Cities, Infrastructure and Buildings	6		
	ENS507 Energy Efficiency and Management	3				
	ENS508 Climate Change Risk Assessment and Adaptation Planning	3				
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