Major – Strategic Decarbonisation & Major – Renewable and Sustainable Energy (Professional Practice Pathway)

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

Start Date: Trimester 1 2027

	Trimester 1 Units	CP	Trimester 2 Units	CP	Trimester 3 Units	CP
Year 1 – 2027	ENS501 Sustainability and Climate Related Reporting	3	ENS601 Decarbonising Heavy Industry	6	ENS500 Just Transition - Renewable Energy and Beyond	3
	ENS502 Carbon Management	3	ENS503 Life Cycle Assessment	3	ENS504 Climate Change Science and Policy	3
	ENS505 Carbon Markets and Offsets in Practice	3				
	Total	9	**Total**	9	**Total**	6
Year 2 – 2028	**Trimester 1 Units**	**CP**	**Trimester 2 Units**	**CP**	**Trimester 3 Units**	**CP**
	ENS507 Energy Efficiency and Management	3	ENS602 Renewable Energy Resources and System Modelling	6	ENS506 Economics and Policy for a Low-Carbon Future	3
	Specified Elective*	3			ENS600 Sustainable Project Development and Management	6
	Specified Elective*	3				
	Total	9	**Total**	6		9

TOTAL CREDIT POINTS 48

Trimester 1 notes	Trimester 2 notes	Trimester 3 notes
Available specified electives: ENS508 Climate Change Risk Assessment and Adaptation Planning (3 CP) ENS509 Corporate Sustainability Management Practice (3 CP)		

*Students must select 6 credit points from the specified electives. The sample plan illustrates a scenario in which students choose two 3-credit-point units in Trimester 1, 2028.

Major – Strategic Decarbonisation & Major – Renewable and Sustainable Energy (Research Pathway)

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

Start Date: Trimester 1 2027

	Trimester 1 Units	CP	Trimester 2 Units	CP	Trimester 3 Units	CP
Year 1 – 2027	ENS501 Sustainability and Climate Related Reporting	3	ENS601 Decarbonising Heavy Industry	6	ENS500 Just Transition - Renewable Energy and Beyond	3
	ENS502 Carbon Management	3	ENS503 Life Cycle Assessment	3	ENS504 Climate Change Science and Policy	3
	ENS505 Carbon Markets and Offsets in Practice	3				
	Total	9	**Total**	9	**Total**	6
	Trimester 1 Units	**CP**	**Trimester 2 Units**	**CP**	**Trimester 3 Units**	**CP**
Year 2 – 2028	ENS507 Energy Efficiency and Management	3	ENS602 Renewable Energy Resources and System Modelling	6	ENS506 Economics and Policy for a Low-Carbon Future	3
	ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management*	6	ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management*	3	ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management*	3
	Total	9	**Total**	9	**Total**	6

TOTAL CREDIT POINTS 48

*Enrolment in ENS604 *Dissertation in Decarbonisation, Energy and Sustainability Management* requires payment of the full unit fee (12 CP) at the commencement of the teaching period.

Major – Strategic Decarbonisation & Major – Sustainable Cities and Infrastructure (Professional Practice Pathway)

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

Start Date: Trimester 1 2027

	Trimester 1 Units	CP	Trimester 2 Units	CP	Trimester 3 Units	CP
Year 1 – 2027	ENS501 Sustainability and Climate Related Reporting	3	ENS601 Decarbonising Heavy Industry	6	ENS500 Just Transition - Renewable Energy and Beyond	3
	ENS505 Carbon Markets and Offsets in Practice	3	ENS503 Life Cycle Assessment	3	ENS504 Climate Change Science and Policy	3
	ENS502 Carbon Management	3				
	Total	9	**Total**	9	**Total**	6
Year 2 – 2028	**Trimester 1 Units**	**CP**	**Trimester 2 Units**	**CP**	**Trimester 3 Units**	**CP**
	ENS508 Climate Change Risk Assessment and Adaptation Planning	3	ENS603 Smart Sustainable Cities, Infrastructure and Buildings	6	ENG570 Circular Economy and Innovation	3
	Specified Elective*	3			ENS600 Sustainable Project Development and Management	6
	Specified Elective*	3				
	Total	9	**Total**	6	**Total**	9

TOTAL CREDIT POINTS 48

Trimester 1 notes	Trimester 2 notes	Trimester 3 notes
Available specified electives: ENS507 Energy Efficiency and Management (3 CP) ENS509 Corporate Sustainability Management Practice (3 CP)		

*Students must select 6 credit points from the specified electives. The sample plan illustrates a scenario in which students choose two 3-credit-point units in Trimester 1, 2028.

Major – Strategic Decarbonisation & Major – Sustainable Cities and Infrastructure (Research Pathway)

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

Start Date: Trimester 1 2027

	Trimester 1 Units	CP	Trimester 2 Units	CP	Trimester 3 Units	CP
Year 1 – 2027	ENS501 Sustainability and Climate Related Reporting	3	ENS601 Decarbonising Heavy Industry	6	ENS500 Just Transition - Renewable Energy and Beyond	3
	ENS505 Carbon Markets and Offsets in Practice	3	ENS503 Life Cycle Assessment	3	ENS504 Climate Change Science and Policy	3
	ENS502 Carbon Management	3				
	Total	9	**Total**	9	**Total**	6
Year 2 – 2028	**Trimester 1 Units**	**CP**	**Trimester 2 Units**	**CP**	**Trimester 3 Units**	**CP**
	ENS508 Climate Change Risk Assessment and Adaptation Planning	3	ENS603 Smart Sustainable Cities, Infrastructure and Buildings	6	ENG570 Circular Economy and Innovation	3
	ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management*	6	ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management*	3	ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management*	3
	Total	9	**Total**	9	**Total**	6

TOTAL CREDIT POINTS 48

***Enrolment in ENS604 *Dissertation in Decarbonisation, Energy and Sustainability Management* requires payment of the full unit fee (12 CP) at the commencement of the teaching period.

Major – Strategic Decarbonisation & Major – Corporate Sustainability Management (Professional Practice Pathway)

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

Start Date: Trimester 1 2027

	Trimester 1 Units	CP	Trimester 2 Units	CP	Trimester 3 Units	CP
Year 1 – 2027	ENS501 Sustainability and Climate Related Reporting	3	ENS601 Decarbonising Heavy Industry	6	ENS500 Just Transition - Renewable Energy and Beyond	3
	ENS505 Carbon Markets and Offsets in Practice	3	ENS503 Life Cycle Assessment	3	ENS504 Climate Change Science and Policy	3
	ENS502 Carbon Management	3				
	Total	9	**Total**	9	**Total**	6
Year 2 – 2028	**Trimester 1 Units**	**CP**	**Trimester 2 Units**	**CP**	**Trimester 3 Units**	**CP**
	ENS509 Corporate Sustainability Management Practice	3	MBS662 Business, Society and the Environment	6	MBS696 Business Intelligence and Analytics	3
	Specified Elective*	3			ENS600 Sustainable Project Development and Management	6
	Specified Elective*	3				
	Total	9	**Total**	6	**Total**	9

TOTAL CREDIT POINTS 48

Trimester 1 notes	Trimester 2 notes	Trimester 3 notes
Available specified electives: ENS507 Energy Efficiency and Management (3 CP) ENS508 Climate Change Risk Assessment and Adaptation Planning (3 CP)		

*Students must select 6 credit points from the specified electives. The sample plan illustrates a scenario in which students choose two 3-credit-point units in Trimester 1, 2028.

Major – Strategic Decarbonisation & Major – Corporate Sustainability Management (Research Pathway)

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

Start Date: Trimester 1 2027

	Trimester 1 Units	CP	Trimester 2 Units	CP	Trimester 3 Units	CP
Year 1 – 2027	ENS501 Sustainability and Climate Related Reporting	3	ENS601 Decarbonising Heavy Industry	6	ENS500 Just Transition - Renewable Energy and Beyond	3
	ENS505 Carbon Markets and Offsets in Practice	3	ENS503 Life Cycle Assessment	3	ENS504 Climate Change Science and Policy	3
	ENS502 Carbon Management	3				
	Total	9	**Total**	9	**Total**	6
Year 2 – 2028	**Trimester 1 Units**	**CP**	**Trimester 2 Units**	**CP**	**Trimester 3 Units**	**CP**
	ENS509 Corporate Sustainability Management Practice	3	MBS662 Business, Society and the Environment	6	MBS696 Business Intelligence and Analytics	3
	ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management*	6	ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management*	3	ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management*	3
	Total	9	**Total**	9	**Total**	6

TOTAL CREDIT POINTS 48

*Enrolment in ENS604 *Dissertation in Decarbonisation, Energy and Sustainability Management* requires payment of the full unit fee (12 CP) at the commencement of the teaching period.

Major – Renewable and Sustainable Energy & Major – Sustainable Cities and Infrastructure (Professional Practice Pathway)

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

Start Date: Trimester 1 2027

	Trimester 1 Units	CP	Trimester 2 Units	CP	Trimester 3 Units	CP
Year 2 – 2027	ENS501 Sustainability and Climate Related Reporting	3	ENS602 Renewable Energy Resources and System Modelling	6	ENS500 Just Transition - Renewable Energy and Beyond	3
	ENS507 Energy Efficiency and Management	3	ENS503 Life Cycle Assessment	3	ENS506 Economics and Policy for a Low-Carbon Future	3
	ENS502 Carbon Management	3				
	Total	9	**Total**	9	**Total**	6
	Trimester 1 Units	**CP**	**Trimester 2 Units**	**CP**	**Trimester 3 Units**	**CP**
Year 3 – 2028	ENS508 Climate Change Risk Assessment and Adaptation Planning	3	ENS603 Smart Sustainable Cities, Infrastructure and Buildings	6	ENG570 Circular Economy and Innovation	3
	Specified Elective*	3			ENS600 Sustainable Project Development and Management	6
	Specified Elective*	3				
	Total	9	**Total**	6	**Total**	9

TOTAL CREDIT POINTS 48

Trimester 1 notes	Trimester 2 notes	Trimester 3 notes
Available specified electives: ENS509 Corporate Sustainability Management Practice (3 CP) ENS505 Carbon Markets and Offsets in Practice (3 CP)		

*Students must select 6 credit points from the specified electives. The sample plan illustrates a scenario in which students choose two 3-credit-point units in Trimester 1, 2028.

Major – Renewable and Sustainable Energy & Major – Sustainable Cities and Infrastructure (Research Pathway)

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

Start Date: Trimester 1 2027

	Trimester 1 Units	CP	Trimester 2 Units	CP	Trimester 3 Units	CP
Year 1 – 2027	ENS501 Sustainability and Climate Related Reporting	3	ENS602 Renewable Energy Resources and System Modelling	6	ENS500 Just Transition - Renewable Energy and Beyond	3
	ENS507 Energy Efficiency and Management	3	ENS503 Life Cycle Assessment	3	ENS506 Economics and Policy for a Low-Carbon Future	3
	ENS502 Carbon Management	3				
	Total	9	**Total**	9	**Total**	6
	Trimester 1 Units	**CP**	**Trimester 2 Units**	**CP**	**Trimester 3 Units**	**CP**
Year 2 – 2028	ENS508 Climate Change Risk Assessment and Adaptation Planning	3	ENS603 Smart Sustainable Cities, Infrastructure and Buildings	6	ENG570 Circular Economy and Innovation	3
	ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management*	6	ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management*	3	ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management*	3
	Total	9	**Total**	9	**Total**	6

TOTAL CREDIT POINTS 48

*Enrolment in ENS604 *Dissertation in Decarbonisation, Energy and Sustainability Management* requires payment of the full unit fee (12 CP) at the commencement of the teaching period.

Major – Renewable and Sustainable Energy & Major – Corporate Sustainability Management (Professional Practice Pathway)

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

Start Date: Trimester 1 2027

	Trimester 1 Units	CP	Trimester 2 Units	CP	Trimester 3 Units	CP
Year 1 – 2027	ENS501 Sustainability and Climate Related Reporting	3	ENS602 Renewable Energy Resources and System Modelling	6	ENS500 Just Transition - Renewable Energy and Beyond	3
	ENS507 Energy Efficiency and Management	3	ENS503 Life Cycle Assessment	3	ENS506 Economics and Policy for a Low-Carbon Future	3
	ENS502 Carbon Management	3				
	Total	9	**Total**	9	**Total**	6
	Trimester 1 Units	**CP**	**Trimester 2 Units**	**CP**	**Trimester 3 Units**	**CP**
Year 2 – 2028	ENS509 Corporate Sustainability Management Practice	3	MBS662 Business, Society and the Environment	6	MBS696 Business Intelligence and Analytics	3
	Specified Elective*	3			ENS600 Sustainable Project Development and Management	6
	Specified Elective*	3				
	Total	9	**Total**	6	**Total**	9

TOTAL CREDIT POINTS 48

Trimester 1 notes	Trimester 2 notes	Trimester 3 notes
Available specified electives: ENS505 Carbon Markets and Offsets in Practice (3 CP) ENS508 Climate Change Risk Assessment and Adaptation Planning (3 CP)		

*Students must select 6 credit points from the specified electives. The sample plan illustrates a scenario in which students choose two 3-credit-point units in Trimester 1, 2028.

Major – Renewable and Sustainable Energy & Major – Corporate Sustainability Management (Research Pathway)

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

Start Date: Trimester 1 2027

	Trimester 1 Units	CP	Trimester 2 Units	CP	Trimester 3 Units	CP
Year 1 – 2027	ENS501 Sustainability and Climate Related Reporting	3	ENS602 Renewable Energy Resources and System Modelling	6	ENS500 Just Transition - Renewable Energy and Beyond	3
	ENS507 Energy Efficiency and Management	3	ENS503 Life Cycle Assessment	3	ENS506 Economics and Policy for a Low-Carbon Future	3
	ENS502 Carbon Management	3				
	Total	9	**Total**	9	**Total**	6
Year 2 – 2028	**Trimester 1 Units**	**CP**	**Trimester 2 Units**	**CP**	**Trimester 3 Units**	**CP**
	ENS509 Corporate Sustainability Management Practice	3	MBS662 Business, Society and the Environment	6	MBS696 Business Intelligence and Analytics	3
	ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management*	6	ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management*	3	ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management*	3
	Total	9	**Total**	9	**Total**	6

TOTAL CREDIT POINTS 48

*****Enrolment in ENS604 *Dissertation in Decarbonisation, Energy and Sustainability Management* requires payment of the full unit fee (12 CP) at the commencement of the teaching period.

Major – Sustainable Cities and Infrastructure & Major – Corporate Sustainability Management (Professional Practice Pathway)

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

Start Date: Trimester 1 2027

	Trimester 1 Units	CP	Trimester 2 Units	CP	Trimester 3 Units	CP
Year 1 – 2027	ENS501 Sustainability and Climate Related Reporting	3	ENS603 Smart Sustainable Cities, Infrastructure and Buildings	6	ENS500 Just Transition - Renewable Energy and Beyond	3
	ENS508 Climate Change Risk Assessment and Adaptation Planning	3	ENS503 Life Cycle Assessment	3	ENG570 Circular Economy and Innovation	3
	ENS502 Carbon Management	3				
	Total	9	**Total**	9	**Total**	6
	Trimester 1 Units	**CP**	**Trimester 2 Units**	**CP**	**Trimester 3 Units**	**CP**
Year 2 – 2028	ENS509 Corporate Sustainability Management Practice	3	MBS662 Business, Society and the Environment	6	MBS696 Business Intelligence and Analytics	3
	Specified Elective*	3			ENS600 Sustainable Project Development and Management	6
	Specified Elective*	3				
	Total	9	**Total**	6	**Total**	9

TOTAL CREDIT POINTS 48

Trimester 1 notes	Trimester 2 notes	Trimester 3 notes
Available specified electives: ENS505 Carbon Markets and Offsets in Practice (3 CP) ENS507 Energy Efficiency and Management (3 CP)		

*Students must select 6 credit points from the specified electives. The sample plan illustrates a scenario in which students choose two 3-credit-point units in Trimester 1, 2028.

Major – Sustainable Cities and Infrastructure & Major – Corporate Sustainability Management (Research Pathway)

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

Start Date: Trimester 1 2027

	Trimester 1 Units	CP	Trimester 2 Units	CP	Trimester 3 Units	CP
Year 1 – 2027	ENS501 Sustainability and Climate Related Reporting	3	ENS603 Smart Sustainable Cities, Infrastructure and Buildings	6	ENS500 Just Transition - Renewable Energy and Beyond	3
	ENS508 Climate Change Risk Assessment and Adaptation Planning	3	ENS503 Life Cycle Assessment	3	ENG570 Circular Economy and Innovation	3
	ENS502 Carbon Management	3				
	Total	9	**Total**	9	**Total**	6
	Trimester 1 Units	**CP**	**Trimester 2 Units**	**CP**	**Trimester 3 Units**	**CP**
Year 2 – 2028	ENS509 Corporate Sustainability Management Practice	3	MBS662 Business, Society and the Environment	6	MBS696 Business Intelligence and Analytics	3
	ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management*	6	ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management*	3	ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management*	3
	Total	9	**Total**	9	**Total**	6

TOTAL CREDIT POINTS 48

***Enrolment in ENS604 *Dissertation in Decarbonisation, Energy and Sustainability Management* requires payment of the full unit fee (12 CP) at the commencement of the teaching period.