

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

Academic Chair: Xiangpeng Gao  
([X.Gao@murdoch.edu.au](mailto: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 |
|               |   |          |  |          | ENS504 Climate Change Science and Policy              | 3  |
|               |   |          |  |          | ENS502 Carbon Management                              | 3  |
|               |   |          |  |          | <b>Total</b>  | <b>9</b>   |
| 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        | ENS506 Economics and Policy for a Low-Carbon Future   | 3  |
|               | ENS505 Carbon Markets and Offsets in Practice       | 3        | ENS503 Life Cycle Assessment                           | 3        | ENS600 Sustainable Project Development and Management | 6  |
|               | <b>Total</b>  | <b>6</b> | <b>Total</b>   | <b>9</b> | <b>Total</b>  | <b>9</b>   |
| Year 3 – 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        |   |  |
|               | Specified Elective*                                 | 3        |  |          |   |  |
|               | Specified Elective*                                 | 3        |  |          |   |  |
|               | <b>Total</b>  | <b>9</b> | <b>Total</b>   | <b>6</b> |   |  |

**TOTAL CREDIT POINTS 48**

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

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

**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.

# M1422 Master of Decarbonisation, Energy and Sustainability Management (Advanced)

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

Academic Chair: Xiangpeng Gao  
([X.Gao@murdoch.edu.au](mailto: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 |
|               |   |          |   |          | ENS504 Climate Change Science and Policy                                      | 3  |
|               |   |          |   |          | ENS502 Carbon Management  | 3  |
|               |   |          |   |          | <b>Total</b>  | <b>9</b>   |
| 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        | ENS506 Economics and Policy for a Low-Carbon Future                           | 3  |
|               | ENS505 Carbon Markets and Offsets in Practice                                 | 3        | ENS503 Life Cycle Assessment  | 3        | ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management* | 6  |
|               |   |          |   |          |   |  |
|               | <b>Total</b>  | <b>6</b> | <b>Total</b>  | <b>9</b> | <b>Total</b>  | <b>9</b>   |
| Year 3 – 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        |   |  |
|               | ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management* | 3        | ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management* | 3        |   |  |
|               |   |          |   |          |   |  |
|               | <b>Total</b>  | <b>6</b> | <b>Total</b>  | <b>9</b> |   |  |

**TOTAL CREDIT POINTS 48**

| Trimester 1 notes | Trimester 2 notes | Trimester 3 notes |
|-------------------|-------------------|-------------------|
|                   |                   |                   |

\*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.

**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 (Professional Practice Pathway)

Academic Chair: Xiangpeng Gao  
([X.Gao@murdoch.edu.au](mailto: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 |
|               |   |          |   |          | ENS504 Climate Change Science and Policy              | 3  |
|               |   |          |   |          | ENS502 Carbon Management                              | 3  |
|               |   |          |   |          | <b>Total</b>  | <b>9</b>   |
| 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        | ENG570 Circular Economy and Innovation                | 3  |
|               | ENS505 Carbon Markets and Offsets in Practice                 | 3        | ENS503 Life Cycle Assessment                                  | 3        | ENS600 Sustainable Project Development and Management | 6  |
|               |   |          |   |          |   |  |
|               | <b>Total</b>  | <b>6</b> | <b>Total</b>  | <b>9</b> | <b>Total</b>  | <b>9</b>   |
| Year 3 – 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        |   |  |
|               | Specified Elective*   | 3        |   |          |   |  |
|               | Specified Elective*   | 3        |   |          |   |  |
|               | <b>Total</b>  | <b>9</b> | <b>Total</b>  | <b>6</b> |   |  |

**TOTAL CREDIT POINTS 48**

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

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

**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 (Research Pathway)

Academic Chair: Xiangpeng Gao  
([X.Gao@murdoch.edu.au](mailto: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 |
|               |   |          |   |          | ENS504 Climate Change Science and Policy                                      | 3  |
|               |   |          |   |          | ENS502 Carbon Management  | 3  |
|               |   |          |   |          | <b>Total</b>  | <b>9</b>   |
| 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        | ENG570 Circular Economy and Innovation  | 3  |
|               | ENS505 Carbon Markets and Offsets in Practice                                 | 3        | ENS503 Life Cycle Assessment  | 3        | ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management* | 6  |
|               |   |          |   |          |   |  |
|               | <b>Total</b>  | <b>6</b> | <b>Total</b>  | <b>9</b> | <b>Total</b>  | <b>9</b>   |
| Year 3 – 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        |   |  |
|               | ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management* | 3        | ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management* | 3        |   |  |
|               |   |          |   |          |   |  |
|               | <b>Total</b>  | <b>6</b> | <b>Total</b>  | <b>9</b> |   |  |

**TOTAL CREDIT POINTS 48**

| Trimester 1 notes | Trimester 2 notes | Trimester 3 notes |
|-------------------|-------------------|-------------------|
|                   |                   |                   |

\*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.

**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 – Corporate Sustainability Management (Professional Practice Pathway)

Academic Chair: Xiangpeng Gao  
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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 |
|               |   |          |  |          | ENS504 Climate Change Science and Policy              | 3  |
|               |   |          |  |          | ENS502 Carbon Management                              | 3  |
|               |   |          |  |          | <b>Total</b>  | <b>9</b>   |
| 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        | MBS696 Business Intelligence and Analytics            | 3  |
|               | ENS505 Carbon Markets and Offsets in Practice       | 3        | ENS503 Life Cycle Assessment                 | 3        | ENS600 Sustainable Project Development and Management | 6  |
|               |   |          |  |          |   |  |
|               | <b>Total</b>  | <b>6</b> | <b>Total</b>                                 | <b>9</b> | <b>Total</b>  | <b>9</b>   |
| Year 3 – 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        |   |  |
|               | Specified Elective*                                 | 3        |  |          |   |  |
|               | Specified Elective*                                 | 3        |  |          |   |  |
|               | <b>Total</b>  | <b>9</b> | <b>Total</b>                                 | <b>6</b> |   |  |

**TOTAL CREDIT POINTS 48**

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

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

**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 – Corporate Sustainability Management (Research Pathway)

Academic Chair: Xiangpeng Gao  
([X.Gao@murdoch.edu.au](mailto: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 |
|               |   |          |   |          | ENS504 Climate Change Science and Policy                                      | 3  |
|               |   |          |   |          | ENS502 Carbon Management  | 3  |
|               |   |          |   |          | <b>Total</b>  | <b>9</b>   |
| 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        | MBS696 Business Intelligence and Analytics                                    | 3  |
|               | ENS505 Carbon Markets and Offsets in Practice                                 | 3        | ENS503 Life Cycle Assessment  | 3        | ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management* | 6  |
|               |   |          |   |          |   |  |
|               | <b>Total</b>  | <b>6</b> | <b>Total</b>  | <b>9</b> | <b>Total</b>  | <b>9</b>   |
| Year 3 – 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        |   |  |
|               | ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management* | 3        | ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management* | 3        |   |  |
|               |   |          |   |          |   |  |
|               | <b>Total</b>  | <b>6</b> | <b>Total</b>  | <b>9</b> |   |  |

**TOTAL CREDIT POINTS 48**

| Trimester 1 notes | Trimester 2 notes | Trimester 3 notes |
|-------------------|-------------------|-------------------|
|                   |                   |                   |

\*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.

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

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

Start Date: Trimester 3 2026

| Year          | Trimester 1 Units   |          | Trimester 2 Units   |          | Trimester 3 Units                                     |          |
|---------------|---|----------|---|----------|---|----------|
|               |   | CP       |   | CP       |   | CP       |
| Year 1 – 2026 |   |          |   |          | ENS500 Just Transition - Renewable Energy and Beyond  | 3        |
|               |   |          |   |          | ENS506 Economics and Policy for a Low-Carbon Future   | 3        |
|               |   |          |   |          | ENS502 Carbon Management                              | 3        |
|               |   |          |   |          | <b>Total</b>  | <b>9</b> |
| Year 2 – 2027 |   |          |   |          |   |          |
|               | ENS501 Sustainability and Climate Related Reporting           | 3        | ENS602 Renewable Energy Resources and System Modelling        | 6        | ENG570 Circular Economy and Innovation                | 3        |
|               | ENS507 Energy Efficiency and Management                       | 3        | ENS503 Life Cycle Assessment                                  | 3        | ENS600 Sustainable Project Development and Management | 6        |
|               | <b>Total</b>  | <b>6</b> | <b>Total</b>  | <b>9</b> | <b>Total</b>  | <b>9</b> |
| Year 3 – 2028 |   |          |   |          |   |          |
|               | ENS508 Climate Change Risk Assessment and Adaptation Planning | 3        | ENS603 Smart Sustainable Cities, Infrastructure and Buildings | 6        |   |          |
|               | Specified Elective*   | 3        |   |          |   |          |
|               | Specified Elective*   | 3        |   |          |   |          |
|               | <b>Total</b>  | <b>9</b> | <b>Total</b>  | <b>6</b> |   |          |

**TOTAL CREDIT POINTS 48**

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

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

**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.

# M1422 Master of Decarbonisation, Energy and Sustainability Management (Advanced)

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

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

Start Date: Trimester 3 2026

| Year          | Trimester 1 Units   |          | Trimester 2 Units   |          | Trimester 3 Units   |          |
|---------------|---|----------|---|----------|---|----------|
|               |   | CP       |   | CP       |   | CP       |
| Year 1 – 2026 |   |          |   |          | ENS500 Just Transition - Renewable Energy and Beyond                          | 3        |
|               |   |          |   |          | ENS506 Economics and Policy for a Low-Carbon Future                           | 3        |
|               |   |          |   |          | ENS502 Carbon Management  | 3        |
|               |   |          |   |          | <b>Total</b>  | <b>9</b> |
| Year 2 – 2027 |   |          |   |          |   |          |
|               | ENS501 Sustainability and Climate Related Reporting                           | 3        | ENS602 Renewable Energy Resources and System Modelling                        | 6        | ENG570 Circular Economy and Innovation  | 3        |
|               | ENS507 Energy Efficiency and Management                                       | 3        | ENS503 Life Cycle Assessment  | 3        | ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management* | 6        |
|               | <b>Total</b>  | <b>6</b> | <b>Total</b>  | <b>9</b> | <b>Total</b>  | <b>9</b> |
| Year 3 – 2028 |   |          |   |          |   |          |
|               | ENS508 Climate Change Risk Assessment and Adaptation Planning                 | 3        | ENS603 Smart Sustainable Cities, Infrastructure and Buildings                 | 6        |   |          |
|               | ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management* | 3        | ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management* | 3        |   |          |
|               | <b>Total</b>  | <b>6</b> | <b>Total</b>  | <b>9</b> |   |          |

**TOTAL CREDIT POINTS 48**

| Trimester 1 notes | Trimester 2 notes | Trimester 3 notes |
|-------------------|-------------------|-------------------|
|                   |                   |                   |

\*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.

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

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

Start Date: Trimester 3 2026

| Year          | Trimester 1 Units                                   | CP       | Trimester 2 Units                                      | CP       | Trimester 3 Units                                     | CP   |
|---------------|---|----------|--|----------|---|--|
|               | Year 1 – 2026                                       |          |  |          |   | ENS500 Just Transition - Renewable Energy and Beyond |
|               |   |          |  |          | ENS506 Economics and Policy for a Low-Carbon Future   | 3  |
|               |   |          |  |          | ENS502 Carbon Management                              | 3  |
|               |   |          |  |          | <b>Total</b>  | <b>9</b>   |
| 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        | MBS696 Business Intelligence and Analytics            | 3  |
|               | ENS507 Energy Efficiency and Management             | 3        | ENS503 Life Cycle Assessment                           | 3        | ENS600 Sustainable Project Development and Management | 6  |
|               | <b>Total</b>  | <b>6</b> | <b>Total</b>   | <b>9</b> | <b>Total</b>  | <b>9</b>   |
| Year 3 – 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        |   |  |
|               | Specified Elective*                                 | 3        |  |          |   |  |
|               | Specified Elective*                                 | 3        |  |          |   |  |
|               | <b>Total</b>  | <b>9</b> | <b>Total</b>   | <b>6</b> |   |  |

**TOTAL CREDIT POINTS 48**

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

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

**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.

# M1422 Master of Decarbonisation, Energy and Sustainability Management (Advanced)

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

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

Start Date: Trimester 3 2026

| Year          | Trimester 1 Units   |          | Trimester 2 Units   |          | Trimester 3 Units   |          |
|---------------|---|----------|---|----------|---|----------|
|               |   | CP       |   | CP       |   | CP       |
| Year 1 – 2026 |   |          |   |          | ENS500 Just Transition - Renewable Energy and Beyond                          | 3        |
|               |   |          |   |          | ENS506 Economics and Policy for a Low-Carbon Future                           | 3        |
|               |   |          |   |          | ENS502 Carbon Management  | 3        |
|               |   |          |   |          | <b>Total</b>  | <b>9</b> |
| Year 2 – 2027 |   |          |   |          |   |          |
|               | ENS501 Sustainability and Climate Related Reporting                           | 3        | ENS602 Renewable Energy Resources and System Modelling                        | 6        | MBS696 Business Intelligence and Analytics                                    | 3        |
|               | ENS507 Energy Efficiency and Management                                       | 3        | ENS503 Life Cycle Assessment  | 3        | ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management* | 6        |
|               | <b>Total</b>  | <b>6</b> | <b>Total</b>  | <b>9</b> | <b>Total</b>  | <b>9</b> |
| Year 3 – 2028 |   |          |   |          |   |          |
|               | ENS509 Corporate Sustainability Management Practice                           | 3        | MBS662 Business, Society and the Environment                                  | 6        |   |          |
|               | ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management* | 3        | ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management* | 3        |   |          |
|               | <b>Total</b>  | <b>6</b> | <b>Total</b>  | <b>9</b> |   |          |

**TOTAL CREDIT POINTS 48**

| Trimester 1 notes | Trimester 2 notes | Trimester 3 notes |
|-------------------|-------------------|-------------------|
|                   |                   |                   |

\*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.

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

Academic Chair: Xiangpeng Gao  
([X.Gao@murdoch.edu.au](mailto: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 |
|               |   |          |   |          | ENG570 Circular Economy and Innovation                | 3  |
|               |   |          |   |          | ENS502 Carbon Management                              | 3  |
|               |   |          |   |          | <b>Total</b>  | <b>9</b>   |
| Year 2 – 2027 | Trimester 1 Units   | CP       | Trimester 2 Units   | CP       | Trimester 3 Units                                     | CP   |
|               | ENS501 Sustainability and Climate Related Reporting           | 3        | ENS603 Smart Sustainable Cities, Infrastructure and Buildings | 6        | MBS696 Business Intelligence and Analytics            | 3  |
|               | ENS508 Climate Change Risk Assessment and Adaptation Planning | 3        | ENS503 Life Cycle Assessment                                  | 3        | ENS600 Sustainable Project Development and Management | 6  |
|               |   |          |   |          |   |  |
|               | <b>Total</b>  | <b>6</b> | <b>Total</b>  | <b>9</b> | <b>Total</b>  | <b>9</b>   |
| Year 3 – 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        |   |  |
|               | Specified Elective*   | 3        |   |          |   |  |
|               | Specified Elective*   | 3        |   |          |   |  |
|               | <b>Total</b>  | <b>9</b> | <b>Total</b>  | <b>6</b> |   |  |

**TOTAL CREDIT POINTS 48**

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

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

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

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

Start Date: Trimester 3 2026

| Year          | Trimester 1 Units   | CP       | Trimester 2 Units   | CP       | Trimester 3 Units   | CP   |
|---------------|---|----------|---|----------|---|--|
|               | Year 1 – 2026   |          |   |          |   | ENS500 Just Transition - Renewable Energy and Beyond |
|               |   |          |   |          | ENG570 Circular Economy and Innovation  | 3  |
|               |   |          |   |          | ENS502 Carbon Management  | 3  |
|               |   |          |   |          | <b>Total</b>  | <b>9</b>   |
| Year 2 – 2027 | Trimester 1 Units   | CP       | Trimester 2 Units   | CP       | Trimester 3 Units   | CP   |
|               | ENS501 Sustainability and Climate Related Reporting                           | 3        | ENS603 Smart Sustainable Cities, Infrastructure and Buildings                 | 6        | MBS696 Business Intelligence and Analytics                                    | 3  |
|               | ENS508 Climate Change Risk Assessment and Adaptation Planning                 | 3        | ENS503 Life Cycle Assessment  | 3        | ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management* | 6  |
|               | <b>Total</b>  | <b>6</b> | <b>Total</b>  | <b>9</b> | <b>Total</b>  | <b>9</b>   |
| Year 3 – 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        |   |  |
|               | ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management* | 3        | ENS604 Dissertation in Decarbonisation, Energy and Sustainability Management* | 3        |   |  |
|               | <b>Total</b>  | <b>6</b> | <b>Total</b>  | <b>9</b> |   |  |

**TOTAL CREDIT POINTS 48**

| Trimester 1 notes | Trimester 2 notes | Trimester 3 notes |
|-------------------|-------------------|-------------------|
|                   |                   |                   |

\*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.

**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.