

C1137 Graduate Certificate in Energy and Carbon Studies

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

Start Date: Semester 1 2026

For international students

Year 1 – 2026	Semester 1 Units	CP	Semester 2 Units	CP
	PEN592 Energy in Society	3		
	PEN591 Energy Policy	3		
	PEN594 Energy Auditing and Management	3		
	PEN597 Climate Change Science and Policy	3		
	Total	12		

TOTAL CREDIT POINTS 12

For domestic students

The sample course plan below illustrates a balanced study load across two semesters. Students have the flexibility to choose any four units in total from the options offered across both semesters.

Year 1 – 2026	Semester 1 Units	CP	Semester 2 Units	CP
	Specified Elective	3	Specified Elective	3
	Specified Elective	3	Specified Elective	3
	Total	6	Total	6

TOTAL CREDIT POINTS 12

Semester 1 notes	Semester 2 notes
List of Specified Electives available in Semester 1: PEN592 Energy in Society – 3 CP PEN591 Energy Policy – 3 CP PEN594 Energy Auditing and Management – 3 CP PEN597 Climate Change Science and Policy – 3 CP PEN598 Carbon Management – 3 CP	List of Specified Electives available in Semester 2: PEN504 Greenhouse Gas Reporting and Life Cycle Assessment – 3 CP PEN590 Energy Systems – 3 CP PEN593 Energy Economics – 3 CP PEN598 Carbon Management – 3 CP

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 20/11/2025.