

# M1268 - Master of Renewable and Sustainable Energy

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Start Date: Semester 2 2025

Year 1 – 2025	Semester 1 Units	CP	Semester 2 Units	CP
			PEN504 Greenhouse Gas Reporting and Life Cycle Assessment	3
			PEN590 Energy Systems	3
			PEN593 Energy Economics	3
			PEN592 Energy in Society	3
			Total	12
Year 2 - 2026	Semester 1 Units	CP	Semester 2 Units (Group – I Project)	CP
	PEN598 Carbon Management	3	PEN600 Energy Storage (Core)	3
	PEN591 Energy Policy	3	Specified Electives (choose any 3)	
	PEN594 Energy Auditing and Management	3	PEN637 Applied Solar Photovoltaics	3
	PEN597 Climate Change Science and Policy	3	PEN639 Wind Energy and Hydroelectricity	3
			PEN505 Climate Change Risk Adaptation and Resilience	3
			ENV680 Climate Change Adaptation: Ecosystems and Societies	3
	Total	12	(OR) Total	12
Year 3 - 2027	Semester 1 Units (Group I Project)	CP	Semester 2 Units (Group–II Research Dissertation)	CP
	PEN628 Sustainable Energy Development (core)	3	PEN624 Renewable and Sustainable Energy Dissertation	6
	Specified Electives		Specified Electives (choose any 3)	
	PEN670 Energy Efficient Buildings	3	PEN637 Applied Solar Photovoltaics	3
	PEN634 Solar Thermal and Biomass	3	PEN639 Wind Energy and Hydroelectricity	3
	ENV556 Principles of Environmental Impact Assessment	3	PEN505 Climate Change Risk Adaptation and Resilience	3
			ENV680 Climate Change Adaptation: Ecosystems and Societies	3
	(OR) Total	12	Total	12
Year 3 - 2027	Semester 1 Units (Group – II Research Dissertation)	CP	Semester 2 Units	CP
	PEN624 Renewable and Sustainable Energy Dissertation	6		
	Specified Electives (choose any 3)			
	PEN670 Energy Efficient Buildings	3		
	PEN634 Solar Thermal and Biomass	3		
	ENV556 Principles of Environmental Impact Assessment	3		
	ENG208 Fundamentals of DC Circuits	3		
	Total	12		

**TOTAL CREDIT POINTS 48**

\*Please refer to notes on the following page.

Semester 1 notes	Semester 2 notes
The <b>Research Dissertation</b> pathway is offered by invitation from the Academic Chair, based on a student's first-year GPA. Otherwise, students will follow the default <b>Group I Project</b> pathway.	

**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 25/06/25.