

M1268 (Master of Renewable and Sustainable Energy)

Academic Chair		Dr. Manickam Minakshi		Semester 2 entrant			
Year:		2024		Semester:			
Semester 1			Semester 2				
Year 1 2024	Units	CP		Units	CP		
	PEN598 Carbon Management	3		PEN504 Greenhouse Gas Reporting and Life Cycle Assessment	3		
	PEN591 Energy Policy	3		PEN590 Energy Systems	3		
	PEN594 Energy Auditing and Management	3		PEN593 Energy Economics	3		
	PEN597 Climate Change Science and Policy	3		PEN592 Energy in Society	3		
	SEMESTER TOTAL			12	SEMESTER TOTAL		12
	Group – I Project				Group – I project		
Core			Core				
Year 2 2025	PEN628 Sustainable Energy Development	6	PEN600 Energy Storage	3			
	Specified Electives		Specified Electives				
	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			
	ENG214 Electrical and Electronic Circuits	3	ENV680 Climate Change Adaptation: Ecosystems and Societies	3			
	SEMESTER TOTAL		12	SEMESTER TOTAL		12	
(OR)			(OR)				
Group – II Research Dissertation			Group – II Research Dissertation				
Core			Core				
PEN624 Renewable and Sustainable Energy Dissertation	6	PEN624 Renewable and Sustainable Energy Dissertation	6				
Specified Electives		Specified Electives					
Year 2 - 2025	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			
	ENG214 Electrical and Electronic Circuits	3	ENV680 Climate Change Adaptation: Ecosystems and Societies	3			
	SEMESTER TOTAL		12	SEMESTER TOTAL		12	
Total Credit Points					48		

<p>**Notes 1 (spine units - recommended units etc)**</p>	<p>**Notes 2 (spine units - recommended units etc)**</p>
<p>insert any notes relevant to the course such as spine units, recommended elective, instructions for exemptions (e.g. che140 etc)</p>	<p>insert any notes relevant to the course such as spine units, recommended elective, instructions for exemptions (e.g. che140 etc)</p>

Disclaimer: This course plan is a sample only and must be read in conjunction with the full course structure, unit prerequisites and enrolment options as per the online Handbook (<https://handbook.murdoch.edu.au/>). Students should note that due to unit prerequisites, commencing study in semester 2 may extend the duration of the course. Correct as at ****/**/******.