

M1268 (Master of Renewable and Sustainable Energy)

Academic Chair		Dr. Manickam Minakshi		minakshi@murdoch.edu.au		
Year:		2023		Semester: 1		
Semester 1			Semester 2			
Year 1 2023	Units	CP		Units	CP	
	PEN592 Energy in Society	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		PEN598 Carbon Management	3	
	SEMESTER TOTAL		12		SEMESTER TOTAL	
Group – I Project			Group – I project			
Core			Core			
Year 2 2024	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	
	ENG225 Circuits and Systems	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 - 2024	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	
	ENG225 Circuits and Systems	3		ENV680 Climate Change Adaptation: Ecosystems and Societies	3	
	SEMESTER TOTAL		12		SEMESTER TOTAL	
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 ****/**/******.