

MASTER OF SCIENCE in RENEWABLE ENERGY SYSTEMS

Course Requirements

	Units
Core Courses	12
Major Courses	21
Minor Courses	6
Case Studies	4
Total	43

Program Structure

Core Courses		Units
RES 701	Applied Statistics	3
RES 702	Research Methods	3
RES 703	Project Planning and Management	3
RES 704	Principles of Renewable Energy Systems	3
Major Courses		
RES 705	Emerging Renewable Energy Technologies	4
RES 706	Wind Energy Assessment	3
RES 707	Geothermal Energy Basics	3
RES 708	Design of Micro-hydropower Systems	3
RES 709	Applied Photovoltaics	3
RES 710	Sustainable and Renewable Energy Techniques	3
RES 711	Biomass Energy Systems	3
RES 712	Renewable Energy and the Environment	3
RES 713	Solar Energy Systems	3
RES 714	Advances in Solar Energy Systems	3
RES 715	Advances in Biomass Energy Systems	3
Minor Courses		
RES 720	Natural Resource Conservation Engineering	3
RES 721	GIS and Natural Resource Environment	3
RES 722	Computer Aided Design	3
RES 723	Natural Resource Engineering	3
RES 724	Monitoring and Evaluation Approaches in Renewable Energy Systems	3
Case Studies		
RES 799a	Case Study 1	2
RES 799b	Case Study 2	2