

## **CURRICULUM**

<b>1st Year</b>	<b>Credits</b>
Calculus	10
Climate Change throughout History	10
General Physics	10
Principles of Environmental Hydrology	10
Learning Methods (1+2)	20
Principles of Ecology	10
Environmental Chemistry	10
Research Methods and Statistics	10
Energy resources management	10
Environmental Microbiology	10
Environmental Soil Science	10

<b>2nd Year</b>	<b>Credits</b>
Sustainable Smart Cities and Living Environment	10
Environmental Analytical Chemistry	10
Environmental Ethics, Policy and Legislation	10
Sustainable Design	10
Marine Biology	10
Circular Economy	10
Environmental Impact Study	10
Coastal Management	10
Environmental Monitoring and Risk Assessment	10
Environmental Technologies	10
Atmospheric Science and Air Pollution	10
Air, Water and Waste Water Treatment	10

<b>3rd Year</b>	<b>Credits</b>
Dissertation	30
Waste Management	10
GIS in Agriculture & the Environment	10
Environmental Toxicology	10
Internship	10
Environmental sustainability and integrated systems analysis	10
Health Impact and Risk Assessment	10
Environmental Field Studies	10
Ecological Agriculture	10
Current Issues	10

***\*Under Validation process from Cardiff Metropolitan University***