

POSTGRADUATE DIPLOMA IN SUSTAINABLE ENERGY

Programme Requirements

Code **Title** **Credits**

Students take **60** credits as follows:

Core Modules

NE6003	Wind Energy	5
NE4008	Photovoltaic Systems	5
NE6005	Ocean Energy	5
NE6012	Energy in Buildings	5
NE6013	Sustainable Energy	5
NE6014	Energy Innovation	5
CE6042	Transportation and Energy	5
NE6004	Sustainability, Bioenergy and Circular Economy Systems	5
NE6010	Offshore Wind Energy	5
NE6212	Clean Energy Futures	5
NE6008	Preliminary Research Project in Sustainable Energy	10

Depending on the background of the student, the Programme Coordinator may decide to replace some of the above taught modules with modules from the following list up to a maximum of 20 credits:

NE6016	Energy Systems in Buildings
CE4020	Environmental Hydrodynamics
CE6024	Finite Element Analysis
EE3011	Power Electronics & AC Machines and Systems
EE3012	Electric Vehicle Energy Systems
EE4001	Energy Systems, Power Electronics and Drives
EE4002	Control Engineering II
EE6035	Electrical Power Systems
EE6048	Smart Grids
ME6007	Mechanical Systems
NE6007	Energy Systems Modelling
NE6015	Data Analytics for Engineering

Total Credits **60**

Examinations

Full details and regulations governing Examinations for each programme will be contained in the *Marks and Standards Book* and for each module in the *Book of Modules*.