

## **RENEWABLE ENERGY ENGINEERING (ONLINE) (MSc/PgDip/PgCert)**

**57H2DLB1/61H2DLVX/62H2DLVZ**

*Duration:* 27 months part time (MSc); 24 months part time (PgDip); 12 months part time (PgCert)

*Content:* All candidates must take the following compulsory courses:

### Year 1

- EG504A Energy from Biomass (15 credit points)
- EG501D Fundamental Safety Engineering and Risk Management Concepts (15 credit points)
- EG55M3 Energy Conversion and Storage (15 credit points)
- EG55M4 Legislation, Planning and Economics (15 credit points)

### Year 2

- EG504B Electrical Systems for Renewable Energy (15 credit points)
- EG504C Geothermal and Solar Energy (15 credit points)
- EG55M5 Renewable Energy Integration to Grid (15 credit points)
- EG55M6 Hydro, Marine and Wind Energy (15 credit points)
- EG59M1 Individual Project in Renewable Energy (60 credit points) (this course will continue into year 3)

### Year 3

- EG59M1 Individual Project in Renewable Energy (60 credit points)

*Assessment:* By written examination and course work as prescribed for each course. In addition, MSc candidates must submit a dissertation on their project.

The Degree of MSc shall not be awarded to a candidate who fails to achieve a CGS grade of D3 or above in the individual project, irrespective of their performance in other courses.