

ENERGY TRANSITION SYSTEMS AND TECHNOLOGIES (ONLINE - JANUARY START) **(MSc/PgDip/PgCert)**

Duration: MSc 12 months full time and 27 months part time; PgDip 9 months full time and 18 months part time; PgCert 4 months full time and 8 months part time.

Content: Candidates shall be required to attend the following designated programme of courses:

FULL TIME ROUTE

Stage 1

EG556W Fundamentals of Energy Transition (0 credit points)
EG55M3 Energy Conversion and Storage (15 credit points)
EG554U Energy Systems Integration (15 credit points)

Plus one of the following:

pEG552V Marine and Wind Energy (15 credit points)
EG552T Legislation, Economics and Safety (15 credit points)

Plus one of the following:

EG55M5 Renewable Energy Integration to Grid (15 credit points)
EG555W Sustainable Engineering Challenges (15 credit points)

Stage 2

EG504L Carbon Capture, Utilisation and Storage (CCUS) (15 credit points)
EG504A Energy from Biomass (15 credits points)

Plus one of the following:

EG503W Solar Energy (15 credit points)
EG503B Geothermal and Hydro Energy (15 credit points)

Plus one of the following:

BU505C Introduction to Energy Economics (15 credit points)
GG5066 Introduction to GIS Tools, Techniques, Cartography and Geovisualisation (15 credit points)

Stage 3

EG59M2 MSc Individual Project (60 credit points)

PLEASE SEE OVER →

PART TIME ROUTE

Year 1

EG556W Fundamentals of Energy Transition (0 credit points)
EG55M3 Energy Conversion and Storage (15 credit points)
EG554U Energy Systems Integration (15 Credit Points)
EG504L Carbon Capture, Utilisation and Storage (CCUS) (15 credit points)
EG504A Energy from Biomass (15 credit points)

Year 2

One of the following:

EG552V Marine and Wind Energy (15 credit points)
EG552T Legislation, Economics and Safety (15 credit points)

Plus one of the following:

EG55M5 Renewable Energy Integration to Grid (15 credit points)
EG555W Sustainable Engineering Challenges (15 credit points)

Plus one of the following:

EG503W Solar Energy (15 credit points)
EG503B Geothermal and Hydro Energy (15 credit points)

Plus one from the following:

GG5066 Introduction to GIS Tools, Techniques, Cartography and Geovisualisation (15 credit points)
BU505C Introduction to Energy Economics (15 credit points)

Year 3

EG555N MSc Individual Project (60 credit points)

Assessment: By a combination of written examination and course work as prescribed for each course. In addition, MSc candidates must submit a dissertation on their individual project and may be required to undergo an oral examination.

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.