

ENERGY TRANSITION SYSTEMS AND TECHNOLOGIES (ONLINE) (SEPTEMBER START)
(MSc/PgDip/PgCert)

63UJ91B1/63UJ91VX/63UJ91VZ

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 study the following designated programme of courses:

FULL TIME ROUTE

Stage 1

EG506W Fundamentals of Energy Transition (0 credit points)
EG504A Energy from Biomass (15 credit points)
EG504L Carbon Capture, Utilisation and Storage (CCUS) (15 credit points)

Plus one of the following:

EG503B Geothermal and Hydro Energy (15 credit points)
EG503W Solar 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 2

EG554U Energy Systems Integration (15 credit points)
EG55M3 Energy Conversion and Storage (15 credit points)

Plus one of the following:

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

Plus one of the following:

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

Term 3 (MSc candidates only)

EG59F2 Individual Project (60 credit points)

PLEASE SEE OVER →

PART TIME ROUTE

Year 1

EG506W Fundamentals of Energy Transition (0 credit points)
EG504A Energy from Biomass (15 credit points)
EG504L Carbon Capture, Utilisation and Storage (CCUS) (15 credit points)
EG554U Energy Systems Integration (15 credit points)
EG55M3 Energy Conversion and Storage (15 credit points)

Year 2

One from the following:

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

Plus one from the following:

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

Plus one of the following:

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

Plus one of the following:

EG555W Legislation, Economics and Safety (15 credit points)
EG55M5 Renewable Energy Integration to Grid (15 credit points)

(MSc candidates only)

EG59F2 Individual Project (60 credit points) (continues into year 3)

Year 3

EG59F2 Individual Project (60 credit points) (continued from year 2)

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.