

**ENERGY TRANSITION SYSTEMS AND TECHNOLOGIES (ON-CAMPUS) (SEPTEMBER START)
(MSc/PgDip/PgCert)**

57J91SB1/61J91SVX/62J91SVZ

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

PD5006 Getting Started at the University of Aberdeen (0 credit points)
EG506U Fundamentals of Energy Transition (0 credit points)
EG504K Carbon Capture, Utilisation and Storage (CCUS) (15 credit points)
EG50M1 Energy from Biomass (15 credit points)

Plus one of the following:

EG503A Geothermal and Hydro Energy (15 credit points)
EG503V Solar Energy (15 credit points)

Plus one of the following:

BU5053 Introduction to Energy Economics (15 credit points)
GG5065 Introduction to GIS Tools, Techniques, Cartography and Geovisualisation (15 credit points)

Stage 2

EG551J Energy Conversion and Storage (15 credit points)
EG554T Energy Systems Integration (15 credit points)

Plus one of the following:

EG552S Legislation, Economics and Safety (15 credit points)
EG552U Marine and Wind Energy (15 credit points)

Plus one of the following:

EG551K Renewable Energy Integration to Grid (15 credits points)
EG555S Sustainable Engineering Challenges (15 credits points)

Stage 3 (MSc candidates only)

EG59F1 MSc Individual Project (60 credit points)

PLEASE SEE OVER →

PART TIME ROUTE

Note: Individual Project to be completed full time over summer (Term 3, May-August) either after completion of Year 1 or Year 2 taught courses.

Year 1

PD5006 Getting Started at the University of Aberdeen (0 credit points)
EG506U Fundamentals of Energy Transition (0 credit points)
EG504K Carbon Capture, Utilisation and Storage (CCUS) (15 credit points)
EG50M1 Energy from Biomass (15 credit points)
EG551J Energy Conversion and Storage (15 credit points)
EG554T Energy Systems Integration (15 credit points)

(Optional, MSc candidates only)

Students may opt to do individual project at this time full time over summer (May-August), otherwise, they will only be able to undertake their project full time starting in summer after completing all taught courses prescribed in Year 2.

Year 2

One of the following:

EG503A Geothermal and Hydro Energy (15 credit points)
EG503V Solar Energy (15 credit points)

Plus one of the following:

BU5053 Introduction to Energy Economics (15 credit points)
GG5065 Introduction to GIS Tools, Techniques, Cartography and Geovisualisation (15 credit points)

Plus one of the following:

EG552U Marine and Wind Energy (15 credit points)
EG552S Legislation, Economics and Safety (15 credit points)

Plus one of the following:

EG551K Renewable Energy Integration to Grid (15 credit points)
EG555S Sustainable Engineering Challenges (15 credit points)

Plus:

(MSc candidates only)

EG59F1 Individual Project (60 credit points) (full time May-August)

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.