Energy Transition Systems and Technologies

University of Aberdeen

Venues

Old Aberdeen Campus

Content

Energy transitions require technical, economic and social solutions to the complex challenges of decarbonization.

This new programme gives an overview of the diverse challenges, including technical and non-technical (e.g. economic, policy) aspects. Students are introduced to systems thinking in the context of energy systems and learn relevant methods for system-level analysis (e.g. GIS, energy system analysis).

Energy transition engineers are faced with the challenge of redesigning our entire energy infrastructure while ensuring continued access to reliable and affordable energy. To achieve this, we must understand how to successfully integrate Low Carbon Technologies (LCTs) into our current and future energy systems. This requires a variety of measures on different levels (technical, economic, policy), some of which compete with one another.

Start Date

September

Qualification

Postgraduate Master's

Study Method

Full time

Award Title

MSc

Course Length

12 months

Faculty

Aberdeen Business School

Department

Business School

Entry Requirements

2:1 (upper second class) UK Honours degree, or an Honours degree from a non-UK institution which is judged by the University to be of equivalent worth, in Engineering or a related field such as the natural sciences, physical sciences or mathematics.

or

2:2 (lower second class) UK Honours degree in Engineering or a related field, or equivalent with 5+ years relevant experience.

Academic Technology Approval Scheme (ATAS) certificate

SCQF Level

11

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

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