Electrical Power Engineering

University of Edinburgh

Venues

King's Buildings Campus

Content

This one-year programme is designed to equip graduates and professionals with a broad and robust training on modern power engineering technologies, with a strong focus on renewable energy conversion and smart grids. It is suitable for recent graduates who wish to develop the specialist knowledge and skills relevant to this industry and is also suitable as advanced study in preparation for research work in an academic or industrial environment.

Topics covered within the individual courses of the programme, include (but are not limited to): Fundamental and emerging power engineering technologies; Advanced numerical methods in application to electrical power engineering problems; Modern power conversion components & systems; Integration of renewable energy in the power system; Distributed energy resources; Electrical engineering aspects of energy storage; Power, telecommunications and control aspects of smart grids; and Research and innovation management techniques.

Start Date

September

Qualification

Postgraduate Master's

Study Method

Full time

Award Title

MSc

Course Length

1 year

Faculty

College of Science and Engineering

Department

Engineering

Entry Requirements

A UK 2:1 degree, or international equivalent, in Electrical and/or Electronic Engineering.

SCQF Level

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Address

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Edinburgh
City of Edinburgh
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Website

www.ed.ac.uk