



Faculty of Computing,
Engineering and the
Built Environment

Find out more

MSc Energy Storage

Fees and payment options

 ulster.ac.uk/global/apply/fees-and-finance

How to apply

 ulster.ac.uk/global/apply

Entry requirements

 ulster.ac.uk/courses

or

 ulster.ac.uk/apply/entrance-requirements

Create your own prospectus

 ulster.ac.uk/prospectus

Contact Us

 +44 (0)28 9036 6755

 global@ulster.ac.uk

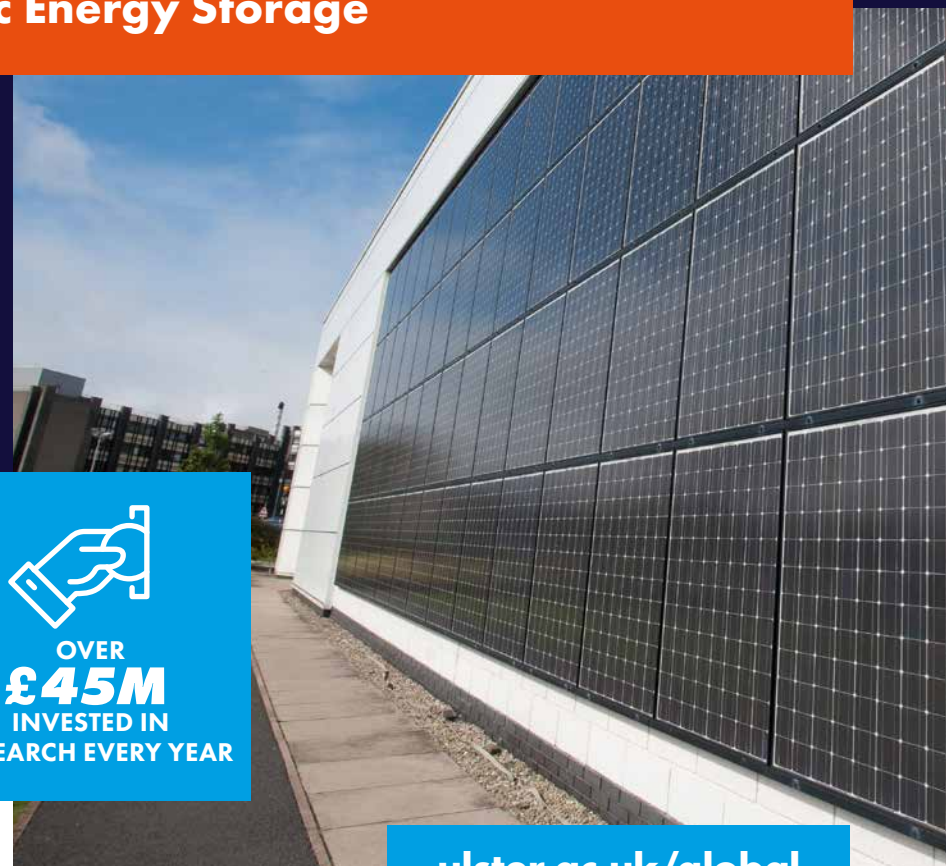


ulster.ac.uk/global



OVER
£45M
INVESTED IN
RESEARCH EVERY YEAR

ulster.ac.uk/global



MSc Energy Storage

The programme provides a thorough grounding in the core disciplines of energy storage and is embedded in global best practice, technology and economics of its deployment. The course combines technology understanding with critical assessment of performance characteristics within energy market structures, giving graduates an expertise in sizing and selecting the optimum energy storage technology.

MSc Energy Storage provides the expertise to fulfil the expectations of an energy storage market that is predicted to grow to \$250 billion by 2040.

Our MSc Energy Storage programme will enable graduates to embark on a professional career in energy storage with the high-level skills needed to meet the emerging challenges. Large scale renewable energy from non-dispatchable wind and solar energy, for example, has begun to threaten the operation of existing electricity networks in several countries.

The course is delivered by the Centre of Sustainable Technologies (CST), whose knowledge, facilities, industrial links and data sets are drawn from more than £10 million of externally funded past and current projects in energy storage.

Students will have the opportunity to engage with industry during their research dissertation project and through workshops/seminars organised by CST linked to national and international projects in the field of energy storage and energy.

Award

MSc

Start date

September

Mode of study

 Full-time, 12 months

International tuition fee 2020/21 *

£14,480

* Range of international scholarships available at ulster.ac.uk/global

UK degree entry equivalent

2.2

Relevant undergraduate degree

Engineering, science or related discipline

English language requirements

IELTS 6.0 with no contributing band less than 5.5, or equivalent

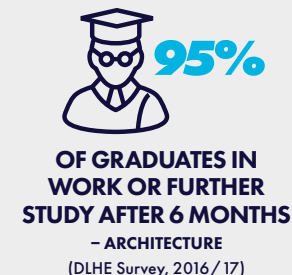
Assessment method

Coursework

Campus

Jordanstown

Choose Ulster University



Indicative core modules

- Current Status of Energy Systems
- Solar Energy Processes and Technologies
- Thermal Storage and Heat Networks
- Wind Energy Conversion Technologies
- Distributed Energy Resources
- Electricity Storage and Electricity Networks
- Energy Policy, Markets and Economics
- International Best Practice in Energy Storage Integration
- Research Dissertation

Graduate opportunities

Upon successful completion of the course:

- Graduates will be more employable, particularly in energy transmission companies, energy distribution companies, energy supply companies, consultancies and at a regional or national government level.
- Graduates may choose to pursue an academic and/or research career through a PhD programme (also offered within the School).