

---

**Faculty of Computing,  
Engineering & the  
Built Environment**

**Part-time Postgraduate  
Short Courses and CPD**

- **Principles of  
Hydrogen Safety**
- **Hydrogen Safety  
Technologies**

These short courses are designed to provide you with the knowledge and understanding of hydrogen safety engineering and technologies, developing your ability to deal with complex safety problems. The programmes are ideal for anyone involved in the safety of hydrogen systems and infrastructure, including its production, storage, transportation and use, and the safety training of personnel. Upon completion, opportunities for further doctoral study exist.

## Course information

- **Principles of Hydrogen Safety**  
This course focuses on the fundamentals of hydrogen safety to existing and foreseeable hydrogen and fuel cell systems and infrastructure.
- **Hydrogen Safety Technologies**  
This course focuses on advances in hydrogen safety technologies, including but not limited to prevention and mitigation strategies.

### Duration & mode of delivery

These part-time courses run for 12 weeks each and are delivered fully online (face-to-face block-release may be possible for a group of more than 12, subject to demand). Principles of Hydrogen Safety runs in semester one and Hydrogen Safety Technology runs in semester two.

### Assessment

100% coursework – two pieces of coursework per course focusing on problem-based solutions and qualitative questions (50% each).

## Entry requirements

Any undergraduate degree

### Credit points

30 points per course, 60 credits for both leading to the award of a Postgraduate Certificate of Professional Development (Hydrogen Safety).

## Frequently asked questions

### How much will each course cost?

- Northern Ireland and EU: £916.50\*
- England, Scotland and Wales: £916.50\*
- International: £2,280.00\*

### What next?

Applications are made online. Please go to: [ulster.ac.uk/apply/how-to-apply/postgraduate](http://ulster.ac.uk/apply/how-to-apply/postgraduate), click on the Short courses, and follow the instructions provided. Applications are accepted until the start of the academic year (mid of September).

### Find out more

W: [ulster.ac.uk/cebe](http://ulster.ac.uk/cebe)

W: [ulster.ac.uk/principles-hydrogen-safety](http://ulster.ac.uk/principles-hydrogen-safety)

W: [ulster.ac.uk/hydrogen-safety-technologies](http://ulster.ac.uk/hydrogen-safety-technologies)

## Get in touch

Prof Vladimir Molkov, E: [v.molkov@ulster.ac.uk](mailto:v.molkov@ulster.ac.uk)  
Dr Volodymyr Shentsov, E: [v.shentsov@ulster.ac.uk](mailto:v.shentsov@ulster.ac.uk)  
Dr Dmitriy Makarov, E: [dv.makarov@ulster.ac.uk](mailto:dv.makarov@ulster.ac.uk)  
E: [FlexEd@ulster.ac.uk](mailto:FlexEd@ulster.ac.uk) T: +44 (0)28 9036 6680



\*Terms and conditions apply. Correct at the time of publishing. Fees illustrated are based on 2018/2019 entry and are subject to an annual increase. Please visit [ulster.ac.uk/finance/student/tuition-fees-rates/tuition-fees-201819](http://ulster.ac.uk/finance/student/tuition-fees-rates/tuition-fees-201819) for full details of fees.

Correct at time of print (June 2018). Visit [ulster.ac.uk](http://ulster.ac.uk) for up-to-date information on courses, fees and facilities.