

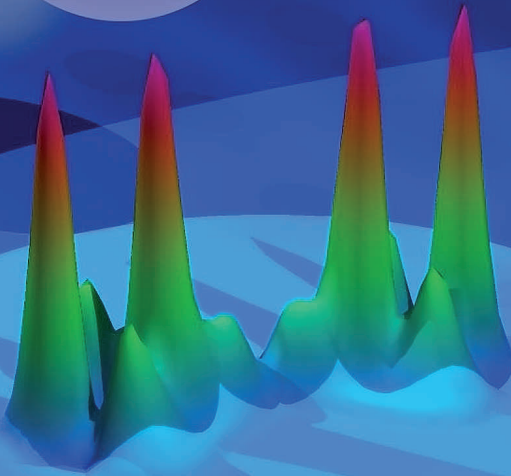


UNIVERSITY of  
**ULSTER**

FACULTY OF ENGINEERING

Postgraduate Certificate in

# Hydrogen Safety Engineering



**EXCELLENCE, INNOVATION AND REGIONAL ENGAGEMENT**

For further information see <http://campusone.ulster.ac.uk>  
or email: [PgC-HSE@ulster.ac.uk](mailto:PgC-HSE@ulster.ac.uk)

Postgraduate Certificate in

# Hydrogen Safety Engineering

There is a growing need for specialists in Hydrogen Safety Engineering. The Postgraduate Certificate programme in Hydrogen Safety Engineering offered by the University of Ulster is the first and only programme worldwide that enables graduates to specialise in this new and rapidly advancing field. Graduates with a PgCert in Hydrogen Safety Engineering will be suitably qualified for employment opportunities at various industrial corporations, governmental bodies, research organisations and educational institutions.

## The programme

The programme comprises of two modules, namely, "Principles of Hydrogen Safety" and "Applied Hydrogen Safety". The course offers the latest knowledge on innovations and developments in Hydrogen Safety with the topical content of the modules complying with the International Curriculum on Hydrogen Safety Engineering (<http://www.hysafe.org>). The teaching materials of the course are derived from the EC funded European Summer School on Hydrogen Safety where world leading experts provide the latest innovations in hydrogen safety to an audience of young researchers.

The Postgraduate Certificate programme in Hydrogen Safety Engineering is intended for students who wish to pursue a career in Hydrogen Safety, and for professionals already working in industry (process industry, energy industry, civil works, aerospace industry, automotive industry), transport and distribution, fire and rescue brigades, insurance, teaching institutions, research institutions, legislative bodies, etc., involved in a variety of activities: consulting, manufacture, design, teaching, research, operation, construction, legislation, etc.

The programme is offered by the HySAFER group (Hydrogen Safety, Engineering & Research) which is internationally recognised for its research in hydrogen safety (e.g. by the European Network of Excellence HySafe "Safety of Hydrogen as an Energy Carrier" - [www.hysafe.org](http://www.hysafe.org)).

## Entry to the PgCert

You must normally have gained a degree from a UK or Republic of Ireland university, from the Council for National Academic Awards, the National Council for Educational Awards, the Higher Education and Training Awards Council or from an institution of another country which is recognised as being of an equivalent standard; or an equivalent standard in a Graduate Certificate or Graduate Diploma or approved professional or other qualification; and provide evidence of competence in written or spoken English (GCSE grade C or equivalent); or as an alternative to the foregoing, provide evidence of your ability to undertake the programme through the accreditation of prior experiential learning.

## Credits & Fees

The following information should be used only as a guide to the normal costs of a distance learning programme. Further information may be obtained at: <http://www.ulster.ac.uk/finance/fees>

A PgCert generally has a weighting of 60 credits. The normal cost per credit point is £18.00 for EU students and £45.60 for non EU students.

The total cost of a PgCert programme for **EU students** is normally £1080.00 (approximately €1600)

The total cost of a PgCert programme for **non-EU students** is normally £2736.00 (approximately €4050)