Entry Requirements
Candidates must be:
• a recognised graduate, attained a good honours degree in a technological or scientific subject
• or deemed qualified as a result of wide work experience
• International students must have International English Language Testing Service (IELTS) with average of 6.5 or above with at least 5.5 in each component or equivalent

Further information
For further information or to apply contact us directly or visit the website.

Maria Soto
Course Administrator
T: +44 (0)114 222 7500
E: CBE-pg@sheffield.ac.uk
www.sheffield.ac.uk/pslp

They earn a degree that commands respect nationally and internationally from industry and academia alike.

Reducing risks to employees, the public and the environment from exposure to chemicals is a high priority for industry.

This unique MSc in Process Safety and Loss Prevention has been developed jointly by the University of Sheffield, The Institution of Chemical Engineers and The Health and Safety Executive. The course is accredited by the IChemE and provides a sound basis for meeting the academic requirements of the Institution of Chemical Engineers for registration as a registered process safety professional.

The Course Director has over 30 years of process safety experience in all industries, including nuclear and financial, and is an acknowledged leader in the subject. We have brought together leading experts from the industry regulators, consultants and The University of Sheffield to run it.

Learning is through a mixture of lectures and discussions, real-life case studies, workshops and hands-on computer sessions that will equip you with in-depth knowledge of best practice in industry.

You will become a member of a leading research active department and part of one of the largest and most successful engineering faculties in the UK. You will earn a degree that commands respect nationally and internationally from industry and academia alike.

Course delivered by leading experts from industry, regulators, consultancies and the University of Sheffield.

Course director is regarded as a leading expert in process safety

Course Accreditation
This course is accredited by Institution of Chemical Engineers (IChemE).

MSc (Eng) Process Safety & Loss Prevention

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Course Structure
The MSc (Eng) in Process Safety and Loss Prevention is offered as a full-time course over one year, starting in September. It can be studied over two years part-time and requires completion of eight, four-day modules, assignments, and a dissertation. The dissertation will be based on a project or thesis that relates to process safety. The course is modular, allowing students some flexibility in the design of their degree. Students must take both of the core modules and choose six from a range of optional modules.

The MSc (Eng) consists of:
- two compulsory modules
- optional modules (choose 6)
- written assignment for each module
- three-hour written exam
- an industry-focused dissertation

A Diploma is awarded for satisfactory completion of eight modules and their assignments and a three-hour written exam. Each module may also be taken individually as a short course.

Core Modules
- Elements of Risk and Major Hazards
- Dissertation Project

Optional Modules
- Applied Hazard and Operability Studies
- Process Plant Reliability and Maintainability
- Hazards in process Plant Design and Operation
- Human Behaviour and Human Error
- Process Safety Management and Loss Prevention
- Computer Control: Safe Practice
- Safety in Nuclear Operations

Our graduates work for:
- Adept
- Cadence Design Systems
- Cadex Engineering
- ABB
- Rolls-Royce
- Jacobs Engineering
- Kellogg Brown and Root
- Foster Wheeler
- Drax
- AMEC
- Hydro
- Markham Engineering
- Johnson Matthey
- Nippon Yusen
- DNV GL
- PiperVision
- Foster Wheeler
- Goldman Sachs
- Golder
- QAPCO
- Great Lakes Chemical
- SNC-Lavalin
- Health and Safety Executive
- Siemens
- Agip
- Amec
- Aventis
- BG Group
- BNFL
- BP
- Centrica
- Chevron
- ConocoPhillips
- Croda
- DNV GL
- Eli Lilly
- Entec
- ExxonMobil
- Foster Wheeler
- GSK
- Great Lakes Chemical
- Health and Safety Executive
- Huntsman Chemicals
- Jacobs Engineering
- Kellogg Brown and Root
- Lloyds Register
- Monaco Engineering
- Mustang Engineering
- National Grid
- Nigeria LNG
- Npower
- Petrofac
- Petrobras
- Shell
- Syngenta

Our City
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Accommodation
There’s a great choice of accommodation so you can live the way that suits you best – fully catered or self-catering, city centre or leafy suburbs. All of our student housing is within easy walking distance of campus and close to a frequent bus service. If you decide internationally to find accommodation on your own, the Accommodation Office can still help you.

We can help you find private accommodation that’s right for you. For details see: www.sheffield.ac.uk/housing

Our University
Founded in 1905, we have grown in reputation and size to become one of the UK’s top universities with a global reputation as an international leader in teaching and research. Today, we are a premier-league, research-led institution with almost 24,000 students including over 3,600 international students from 120 countries.

We’ve produced five Nobel Prize winners, and many of our alumni have gone on to hold positions of high responsibility and influence. A University of Sheffield graduate degree is a real investment in your future.

- England’s greenest city
- 150 woodlands and 50 public parks.
- One of the UK’s safest cities
- Government statistics.
- Minutes away from Peak District National Park.
- The people are friendly, and the nightlife is vibrant.
- Only 2hrs by train to London.
- It’s central location makes the city an ideal base for travel.

Times Higher Education Student Experience Survey 2014-2015
Voted number one for student experience
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Core Modules

Elements of Risk and Major Hazards
Dissertation Project

Optional Modules

Applied Hazard and Operability Studies
Process Plant Reliability and Maintainability
Hazards in process Plant Design and Operation
Human Behaviour and Human Error
Process Safety Management and Loss Prevention
Computer Control: Safe Practice
Safety in Nuclear Operations

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Our City

Sheffield is England’s fourth largest city. It is located roughly in the middle of England, on the edge of the Peak District National Park, about 2.5 hours by train from London. The atmosphere is laid-back. Friendly. The city is compact and easy to get around.

We love the fact that although Sheffield is a major city, and developing all the time, it has kept its sense of community. This is a friendly, safe and affordable place to make your home. Home to large corporations and small start-ups, the city has a vibrant and diverse culture.

Our Union of Students

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Accommodation

There’s a great choice of accommodation so you can live the way that suits you best – from studio to self-catering, city centre or leafy suburbs. All of our student housing is within easy walking distance of campus and close to a frequent bus service. If you decide unilaterally to move out of your accommodation, or it falls down on you, the Accommodation Office will still help you.

We can help you find private accommodation that’s right for you. For details see: www.sheffield.ac.uk/housing

Our University

Founded in 1905, we have grown in reputation and size to become one of the top 150 universities worldwide. We are often placed in the top 5% of academic institutions in the UK and are at the centre of research at a global level. We are one of the top 50 universities in the world.

We are an international leader in teaching and research. Today, we are a premier research-led institution with almost 24,000 students and 1,800 academic staff. We provide over 190 different undergraduate and postgraduate programmes.

We are proud that over 20% of students are from over 120 countries. We are ranked in the Top 10 in the UK for Research Power and are among the world’s top 2% of universities. As a result, we are ranked joint first in the UK for student satisfaction.

A University of Sheffield graduate degree is a real investment in your future.

Our graduates work for:

Aptec, Aventis, BG Group, BNFL, BP, Centrica, Chevron Texaco, ConocoPhillips, Croda, DnV GL, Eli Lilly, Entec, ExxonMobil, Foster Wheeler, GSK, Great Lakes Chemical, Health and Safety Executive

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- Hazards in process Plant Design and Operation
- Human Behaviour and Human Error
- Process Safety Management and Loss Prevention
- Computer Control: Safe Practice
- Health and Safety Guidance

Our graduates work for:
- A Hitachi Chemicals
- Amec
- Aventis
- BG Group
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Sheffield is a major university city, with almost 24,000 student, including over 3,600 international students from 120 countries.

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The University sports facilities include a £6m swimming pool with sauna and steam room, two gymnasiums, a squash and tennis centre. There is also a 33m swimming pool and sauna and steam room.

Accommodation
There’s a great choice of accommodation so you can live the way that suits you best: self-catered or hall sharing. City centre or leafy suburbs. All of our student housing is within easy walking distance of campus and close to a frequent bus service. If you decide university life is not for you, the Accommodation Office can still help you.

We can help you find private accommodation that’s right for you. For details see: www.sheffield.ac.uk/housing

Our Student Union
Founded in 1918, we have grown in reputation and size to become one of the UK’s most successful student unions with a global reputation as an international leader in teaching and research. Today, we are a premier union, renowned for our full-time involvement with around 25,000 students each year.

We produce the Naked Truth magazine, and many of our events have been held in partnership with global companies.

Voted number one for student experience
Times Higher Education Student Experience Survey 2014-2015

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