



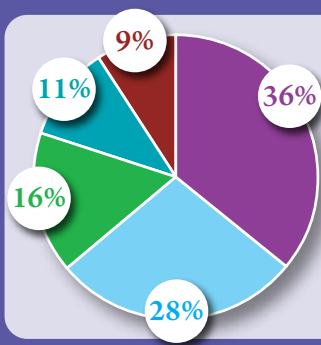
BSc Environmental Health and Safety

Management of Environmental Health and Safety in the workplace is an integral part of an organisation's activity. It is primarily focused on applying scientific and engineering principles to ensure the welfare and well-being of people at work. It is also concerned with the design and application of safe systems of work and with the impact of workplace activity on the environment.

Environmental health and safety management in industry continues to be a growth area of employment as employers need competent health and safety professionals in order to ensure compliance with legal and regulatory requirements. NUI Galway has been providing undergraduate education in health and safety since 2001 in order to respond to the demand for health and safety specialists.

Career Opportunities

There are excellent employment opportunities for graduates. 80% of our graduates are working as Environmental, Health and Safety Professionals across many sectors, including pharma/chem, manufacturing, consultancy, green energy, construction, local authority and regulatory agencies.



Industry Type	% of graduates employed
Manufacturing & Pharma Chem	36
Construction/Energy/Transport	28
Consultancy	16
Public Bodies & Service Sector	11
Other	9

Some of our graduates are employed by the following organisations

- Kelloggs Co.
- ESB
- LinkedIn Corporation
- Dublin City Council
- Ethiad Airways
- Baxter International Inc.
- The Channelle Group
- Costain Group
- Bristol-Myers Squibb
- Roadbridge
- London Underground
- State Claims Agency
- Siemens Ltd.

Chartered Status

Graduates of the programme are eligible to apply for membership of the Institution of Occupational Safety and Health (IOSH). IOSH accreditation is the recognised minimum employment standard worldwide for health and safety professionals. Our graduates have found employment in Canada, USA, Australia, New Zealand, Britain and the Middle East. Through continued professional development activities graduates may apply for Chartered status with IOSH.

Work Placement

In the fourth year of the programme, students participate in a seven month paid work placement (PEP) in industry. During this time, students work under the supervision of a health and safety professional and gain valuable practical experience. Students have completed their work placement in companies such as:

- Astellas Ireland Co. Ltd.
- Roche Ireland
- Glan Agua Ltd
- Medtronic Vascular Galway Ltd.
- Kepak Group
- Sky Handling Partner Ltd.
- Teagasc
- Health and Safety Authority
- Creganna-Tactx Medical
- Eirgrid
- AVIVA Stadium
- Leo Pharma Ireland
- Aerogen Ireland Ltd.

Annual Career Fair

Each year a specialist Environmental, Health and Safety recruitment agency meet our final year students on site at NUI Galway to discuss job opportunities in Britain, Northern Ireland and further afield. Many of our graduates have found excellent jobs as a result of this career initiative.

Applied Research Project

In fourth year students undertake a research project in a health and safety specialism and many projects are industry based.

Teaching Experience

We have a team of highly experienced lecturers, world-class teaching facilities and strong links with industry.



Course Facts

Bachelor of Science (Environmental Health and Safety)

CAO Code: GY313

Entry points: Range 400 - 475

Duration: 4 years

Average intake: 25

Entry requirements Minimum HC3 in two subjects and passes in four other subjects at H or O Level in the Leaving Certificate including: Irish, English, Mathematics, a laboratory science subject (i.e. Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science) and any two other subjects recognised for entry purposes.



What our graduates say...

Course Outline



Year 1

- Biology
- Chemistry/Physics
- Mathematical Studies
- Introduction to safety & risk
- Introduction to law
- Communications and Computing

Year 2

- Physics of Environment
- Microbes and the Environment
- Analytical and Environmental Chemistry
- Health & Safety Physiology
- Human Gross Anatomy
- Health & Safety Law
- Health & Safety Practice
- Safety Systems Design
- Fundamentals of Operations Engineering
- Introduction to Probability and Statistics

Year 3

- Occupational Health
- Occupational Hygiene
- Legal Studies
- Ergonomic Design of the Workplace
- Quality Systems
- Safety & Construction
- Regulatory Affairs & Case Studies
- Research Methods

Year 4

- Work Placement
- Health and the Work Environment
- Information Systems Ergonomics
- Human Reliability
- Project Management
- Health and Safety Project



Alex Brennan

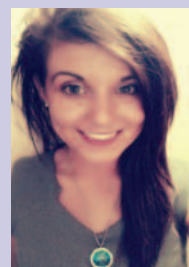
Employer:

Sky Handling Partner Ltd, Dublin

Title: Health and Safety Advisor

BSc Health and Safety Systems, 2015

I am currently the Health & Safety Advisor for Sky Handling Partner Ltd. I initially began working for Sky Handling Partner as part of my college work placement in my third year of college. When I was offered the position as full-time Health & Safety Advisor, my employer told me it was primarily down to my excellent degree and also because I already had experience in their company. I can't praise the work placement highly enough, it was one of the major benefits of the entire course. I would recommend this course to anybody going to college. It is one of those courses where you are taught a wide range of different topics, and the potential for getting a job post-college is at an all-time high.



Isabel Delaney

Employer:

Costain Group PLC, UK – Water Sector

Title: Graduate Safety, Health and Environmental (SHE) Advisor

BSc Health and Safety Systems, 2015

I am in my current graduate position because of the wide range of subjects studied, invaluable placement experience, continued support, advice and guidance from lecturers, organised recruitment agency events and interviews. This course prepares you for employment while also offering a diverse range of career opportunities, within many different industries all over the world. I valued every aspect to this course as it allowed me accomplish practical and theoretical knowledge and experience, both office and site based, which are highly regarded by employers today. I love my job and the career pathway I chose at NUI Galway.