

BSc (Honours) Safety and Environmental Management – Year 4

INSTITUTE *for* CHEMISTRY *in* INDUSTRY



Introduction

A one year part-time course that completes the 4 year part time BSc in Safety and Environmental Management. Successful candidates would be able to demonstrate a high level of technical knowledge and understanding in the safety and environmental management field, reinforcing and/or furthering a career in this exciting and rapidly developing area.

INSTITUTE *for* CHEMISTRY *in* INDUSTRY

The Institute was established by the University of Hull in 1992. In 1996 it moved into purpose built premises which provide comfortable and well designed meeting and lecture rooms together with computer rooms and laboratories

The Institute offers a comprehensive support service to industry through the provision of part-time courses, consultancy, laboratory and room hire, project development and analytical services.

Course Structure

The course runs from September through to the following June. Attendance is one evening each week plus three block weeks. Assessment is by means of five assessed pieces of coursework undertaken throughout the year and two written examinations held in June.

The overall structure of the 4 year BSc programme is as follows:

- Year 1: NEBOSH National Diploma in Occupational Health & Safety - Units A&B
- Year 2: NEBOSH National Diploma in Occupational Health & Safety - Unit C
- Year 3: NEBOSH Diploma in Environmental Management
- Year 4: Details overleaf.

Information And Facilities

An IT and study facility is provided in the Institute for all safety and environmental students. It contains a reference library of books and videos, and a video/computer room containing reference databases and word processing facilities.

All safety and environmental students also have full and free access to the Technical Indexes online health & safety and environment information services throughout their studies. This allows the capability to access and print documents from a large database of safety and environmental information (including legislation, HSE guidance and a wide range of reference from other third parties) from any internet connected computer.

Cost

The course fee is £2200.

Course Content

Year 4 is modular in structure, covering 4 major subject areas. Descriptions of the modules with some of the areas to be addressed in each are given below:

Law, Professional Ethics and H & S Management

- Possible application and effects of potential and developing EU legislation.
- Effect of treaties on health and safety.
- Role and function of expert witnesses.
- Possible conflicts with professional ethics.
- Safety management systems, integrating safety, environmental and quality systems.
- Organisational learning and effects on work performance.
- Monitoring and liaising with contracted personnel and groups.

Workplaces, Workplace Equipment and Occupational Health & Hygiene

- Analysis and prediction of equipment failure and consequences, preventative maintenance schedules.
- Liaising with architects and designers.
- Safety of imported, modified, adapted and reused equipment.
- Risk assessment and control in high risk industries and activities exposing large numbers of the public to risk.
- Occupational health and hygiene control programmes; health surveillance, health promotion strategies
- Exposure monitoring equipment and resulting data.
- Stress management procedures.

Disaster and Emergency Management

- Historical development, definitions and institutions.
- Classification of disasters, emergencies, major accidents etc.
- Law, guidance and information; key legislation and guidance, relevance of Geneva Conventions
- Investigations and inquiries; classification of investigations, methodologies involved in investigations, functions of inquiries into disasters.
- Disaster and emergency management; purpose, strategies and limitations of various approaches to disaster and emergency management.

Environmental Management

- Designing and producing for sustainability.
- Use of environmental taxation to encourage sustainability.
- Techniques used to measure environmental performance.
- Company approaches to reporting of environmental performance.
- Methods for comparing environmental significance of products and activities; life cycle assessment

Entry Requirements

Entry onto the year 4 programme will be subject to successful completion of years 1 to 3, i.e. holding the NEBOSH Health and Safety Diploma or equivalent, and holding the NEBOSH National Diploma in Environmental Management or equivalent. Currently it is not possible to enrol straight on to year 4 of the programme unless you have attained either the NEBOSH Health and Safety Diploma and/or the NEBOSH Environmental Diploma through study at the University of Hull.

FURTHER INFORMATION

If you would like further information on any of these courses or services please contact:

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