

Postgraduate Programmes in Risk & Safety Management

Postgraduate Certificate

Core module plus any 5 (see notes 1, 2)

Postgraduate Diploma

Core module plus any 11 (see note 2)

Master of Science

Core module, Research Methods module plus any 10 before starting Project

Note 1: For inexperienced students studying to PGCert, 4 recommended modules are shaded orange, plus any 1 of 3 recommended options are shaded green

Note 2: For experienced students, example pathways comprise either technical or managerial modules, or a balanced mixture

Note 3: Pre-requisites for QRA module are indicated by [PR]

Key features:

- Corporate face-to-face (F2F) or distance learning (DL) programmes available
- Each module typically involves 100 hours of study and a formal written assessment
- Modules and assessments can be tailored to client's facilities and operations
- F2F programme can be delivered at client's premises and timing is flexible
- DL programme includes online tests, discussion forums and virtual classroom
- Modules can be delivered as PgCert, PgDip or MSc programme, stand-alone for CPD awards or without assessment for CPD evidence

Core Module

Introduction to Practical Risk Mgmt

Research Methods

Research Methods

Identification and Assessment

Hazard Identification

HAZOP Study

Bowtie Analysis

Functional Safety (including SIL)

Availability, Reliability & Maintainability (ARM)

Fault Tree & Event Tree Analysis [PR]

Physical Effects Modelling [PR]

Hazard Assessment

Human Factors in Design & Operations

Oil and Gas Lifecycle Hazards & Risks

Nuclear Lifecycle Hazards & Risks

Rail Industry Hazards & Risks

Environmental Risk Assessment

Management Systems

Health, Safety & Environment (HSE) Mgmt Systems

Safety/HSE Cases

Accident Investigation & Analysis

Emergency Response Planning

Workplace Safety

Business Continuity Management

Assurance and Improvement

Performance Monitoring, Auditing & Mgmt Review

Competency Mgmt, Culture & Behaviour

Risk-Based Decision Making

Risk Reduction & ALARP

Engineered Risk Control Systems & Perf (Oil & Gas)

Engineered Risk Control Systems & Perf (Nuclear)

Oil & Gas & Process Industry QRA (note 3)

Oil & Gas & Process Industry Risk Studies

PSA in Nuclear Industries

Rail Safety Analysis

MSc Project

Project



Training & Education in partnership with



Other Training Courses

Unaccredited

Process Hazard Analysis

BowTieXP Software

Investigator 3 Software

Security Risk Management

Project Risk Management

Asset Integrity Management

Accredited Marine Safety & Security Courses

Company Security Officer

Ship Security Officer

Port Facility Security Officer

Maritime Security Officer

Unaccredited Nuclear Foundation Modules

Nuclear Reactor Basics

Nuclear Reactor Safety Principles

Principles of Regulatory Systems

Implementing a Regulatory Regime

Radiological Protection

Radioactive Waste Management