

## Safety, Risk and Reliability Engineering

Heriot-Watt University

### Venues

Edinburgh Campus

### Content

Risk has become a key concept in modern society. Growing concern about the environment and a number of disasters have served to focus attention on the hazards and risks involved in a wide range of activities from offshore oil production to rail and air transport; from the design of football stadia to the operation of chemical plants and environmental protection.

Today there is a wide range of techniques available to assess risk and reliability, both in relation to safety and in the wider sense. These techniques now underpin new legislation on safety and have relevance over a broad spectrum of activities, including environmental and other systems, where risk and reliability are key concerns.

You can exit at the end of 2-3 years with PgDip Safety, Risk and Reliability Engineering.

### Start Date

September, January, May

### Qualification

Postgraduate Master's

### Study Method

Distance and Flexible learning

### Award Title

MSc

### Course Length

2 - 7 years

### Faculty

School of Energy, Geoscience, Infrastructure and Society

### Department

Institute for Infrastructure and Environment

## Entry Requirements

Applicants to the MSc programme will normally:

have a good undergraduate degree (minimum 2:2 honours or equivalent) in engineering or a relevant science discipline, or demonstrate equivalent academic ability based on industrial experience or membership of a professional institution.

Heriot-Watt Online students must first take exams in two courses of the programme, Human Factors Methods and Learning from Disasters. Based on the results for these entry courses students will continue on the programme at MSc or at PG Diploma level.

Students will additionally have access to the short course 'Introduction to Digital Study and Academic Skills', to prepare for postgraduate study.

## SCQF Level

11

## Progression Routes

«ProgressionRoutes»

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

Edinburgh  
EH14 4AS

## Website

[www.hw.ac.uk](http://www.hw.ac.uk)