

Safety and Reliability Engineering

University of Aberdeen

Venues

Foresterhill Campus

Content

This programme provides education and training for graduate engineers in the general area of safety engineering, reliability engineering, and loss prevention. Technical safety is not a subject which is adequately covered in most undergraduate degrees, so this MSc programme comprehends those topics relating to the safety and reliability of engineering products and systems, in a unified approach.

The aim is to provide an opportunity for graduate engineers to develop a career in safety and reliability engineering and risk management. There is a continuing high demand for people with specialist knowledge in these areas. This is partly a result of the new legal requirements to assess and control industrial risks to people and the environment, and partly because of the need to create high integrity engineering systems in many industries – for example, in the nuclear, defence, transport, aerospace, manufacturing and process industries.

Start Date

September

Qualification

Postgraduate Master's

Study Method

Distance and Flexible learning
Part time (day)

Award Title

MSc

Course Length

24 months

Faculty

Physical Science

Department

Engineering

Entry Requirements

A 2:1 (upper second class) UK Honours degree, in any branch of Engineering, Mathematics or Physics.

Those with a 2:2 Honours degree in Engineering may also be considered if they can demonstrate 2+ years of relevant Oil and Gas Industry experience.

Key subjects you must have covered: Mathematics and Mechanical subjects such as stress analysis, strength of materials and thermodynamics.

SCQF Level

11

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

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