

Structural and Fire Safety Engineering

University of Edinburgh

Venues

King's Buildings Campus

Content

Innovative design allows more interesting and functional architecture but challenges traditional concepts of fire safety. To respond to these demands takes specialist knowledge and advanced skills in engineering analysis.

This programme covers the fundamentals of fire science, including laboratory classes, fire safety engineering and relevant structural engineering topics, such as finite element methods.

You will gain knowledge of the critical issues in structural fire safety engineering, and an understanding of relevant fire and structural behaviours.

You will become familiar with performance-based approaches to design and have an awareness of the capabilities – and limitations – of relevant advanced modelling methods for structures and fire.

Start Date

September

Qualification

Postgraduate Master's

Study Method

Full time

Award Title

MSc

Course Length

1 year

Faculty

College of Science and Engineering

Department

Engineering

Entry Requirements

A UK 2:1 honours degree, or its international equivalent, in civil engineering or a related subject.

Your application may also be considered if your background is in another field; please contact us to check before you apply.

SCQF Level

11

Address

Old College
South Bridge
Edinburgh
City of Edinburgh
EH8 9YL

Website

www.ed.ac.uk