

Structural and Fire Safety Engineering

University of Edinburgh

Venues

King's Buildings Campus

Content

Year 1

Your time will be divided equally between engineering, mathematics and option courses. You will study different branches of engineering, followed by the first in-depth study of civil engineering, encompassing an introduction to fire safety engineering. Your option courses may be selected from the sciences, arts or humanities.

Year 2

This year is dominated by courses on engineering fundamentals, focused on civil engineering, supported by further study of mathematics. You will extend the application of your scientific and mathematical skills to solving engineering problems, building on the experience from Year 1, including some project work.

There is also a substantial laboratory element to many of the engineering courses, giving experience of practical engineering and experimental work.

Year 3

You will now focus entirely on study of core materials in structural engineering and fire safety engineering, supplemented by choice of an option course within the discipline.

At the end of Year 3, you will have the option of completing one more year for a BEng (Hons) or a further two years for a MEng.

Year 4

You will pursue specialist courses in fire science and fire safety engineering together with further study of structural engineering. In addition, you can choose two option courses from within the discipline or beyond.

You undertake a substantial design project supported by experienced industrialists. A third of the final year credits are allocated to the honours thesis, which is an original study of a challenging engineering problem.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BEng Hons

UCAS Code

HH21

Course Length

4 years

Faculty

College of Science and Engineering

Department

Engineering

Entry Requirements

2021 entry requirements

Standard entry:

4 Highers at AABB (minimum) but typically AAAA (first sitting) including Maths at A and Engineering Science or Physics plus English at National 5 at C.

Widening access entry:

4 Highers at AABB (by end of S6) including Maths at A and Engineering Science or Physics plus English at National 5 at C. Highers at BBB must be achieved in one sitting S4-S6.

For direct entry to year 2 you would require Advanced Higher Maths and Physics or Engineering Science at AA plus Highers at AB (in different subjects).

SCQF Level

10

Address

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