

Structural Engineering with Architecture

University of Edinburgh

Venues

King's Buildings Campus

Content

Year 1

Your study will be divided equally between engineering and mathematics courses, and architecture, where you are introduced to architectural history and also design courses, including studio work.

Year 2

This year focuses on engineering fundamentals, supported by further study of mathematics and architecture history. You will extend the application of your scientific and mathematical skills to solving engineering problems, building on your experiences from Year 1, including some project work.

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

Year 3

You will now focus entirely on study of core materials, spanning structural engineering and the architectural aspects of the construction and design of real buildings, supplemented by choice of two options, one of which may be in architecture.

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 advanced courses which deepen your fundamental knowledge in structural engineering and architecture, spanning a mixture of compulsory and option courses.

You undertake substantial design projects encompassing geotechnical engineering and interdisciplinary engineering.

Year 5

You will pursue further advanced courses in both structural engineering and architecture, together with further option courses. You will undertake a substantial structural engineering design project supported by experienced industrialists.

Half of the final year credits are allocated to the honours thesis, which is an original study of a challenging engineering problem, which may be undertaken either with architecture or engineering, or both.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

MEng

UCAS Code

H2KC

Course Length

5 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.

SCQF Level

10

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