

# 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 will be 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 the experience 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 in the architectural aspects of the construction and design of real buildings, supplemented by a 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, supplemented by a single option course. 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

H2K1

## 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. Science at AA plus Highers at AB (in different subjects).

## SCQF Level

10

## Address

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## Website

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