

## Engineering

University of Aberdeen

### Venues

Old Aberdeen Campus

### Content

Engineering is a broad subject, encompassing many different activities across various fields of human endeavour. While engineers work in many different industries, from aerospace and automotive to energy and medicine, all engineers use creativity to design solutions to the problems we face in the world today.

Year 1

Principles of Electronics; CAD and Communications in Engineering Practice; Fundamentals of Engineering Materials; Engineering Mathematics 1; Fundamental Engineering Mechanics.

Year 2:

Fluid Mechanics and Thermodynamics; Process Engineering; Engineering Mathematics 2; Design and Computing in Engineering Practice; Electrical and Mechanical Systems.

In Years 1 and 2 you'll study three additional 15-credit courses which may be: compulsory for your chosen Honours discipline; required for you to keep other Honours discipline options open; optional and used to broaden your curriculum or focus on specific skills.

Year 3:

Engineering Analysis and Methods 1; Project & Safety Management.

Engineering students additionally take five 15-credit and two 10-credit courses which are specific to their chosen Honours discipline and include a 10-credit, discipline specific Engineering Design course.

Year 4:

MEng/BEng Individual Project; Group Design Project (BEng).

You'll also study one 15-credit and three 10-credit courses which are specific to your chosen Honours discipline (details on Engineering discipline pages). Year 4 also includes two 15-credit optional courses.

For BEng students, the Group Design Project (BEng) is a 15-credit, industry-relevant, multidisciplinary team project taken in the final term of your degree.

### Start Date

September

### Qualification

Degree

## Study Method

Full time

## Award Title

BEng Hons

## UCAS Code

H100

## Course Length

4 years

## Faculty

Physical Science

## Department

Engineering

## Entry Requirements

2027 entry requirements

Standard entry:

4 Highers at BBBB including Maths and Engineering Science or Physics plus English at National 5.

Widening access entry:

3 Highers at BBC including Math and Engineering Science or Physics plus English at National 5.

1 Foundation Apprenticeship is accepted in place of a non-essential Higher.

## SCQF Level

10

## Progression Routes

«ProgressionRoutes»

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

King's College  
Aberdeen

Aberdeen City  
AB24 3FX

## Website

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