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.

Year 5:
The Engineer in Society; MEng Group Design.

You'll also study four 15-credit courses which are specific to your chosen Honours discipline (details on Engineering discipline pages).

The MEng Group Design is a 30-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

MEng

UCAS Code

H104

Course Length

5 years

Faculty

Physical Science

Department

Engineering

Entry Requirements

2027 entry requirements:
4 Highers at ABBB including Math and Engineering Science or Physics plus National 5 English.

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

SCQF Level

11

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

Address

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Website

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