

# **Civil and Environmental Engineering**

University of Aberdeen

#### **Venues**

Old Aberdeen Campus

#### **Content**

Civil Engineers design, build and maintain (and decommission where appropriate) our roads, railways, airports, dams, industrial facilities, power stations and distribution grids, refineries, offshore facilities, renewable energy schemes, coastal protection and harbour works, hospitals, schools and sports stadiums. They also design water supply and effluent treatment systems and ?ood protection and environmental protection schemes.

Civil Engineering within the School of Engineering has one of the best hydraulic laboratory facilities in Scotland associated with a high level research profile.

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; Solids and Structures.

Year 3: Geotechnics 1; Stress Analysis A; Fluid Mechanics; Mechanics of Structures; Design of Structural Elements; Structural Dynamics; Civil Engineering Design and Surveying; Engineering Analysis and Methods 1A; Project and Safety Management.

Year 4: Geotechnics 2; Civil Engineering Hydraulics; Advanced Structural Design; Advanced Structural Analysis; Individual Project (MEng/BEng); Group Design Project (BEng).

# **Start Date**

September

#### Qualification

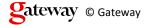
Degree

#### **Study Method**

Full time

#### **Award Title**

**BEng Hons** 





## **UCAS Code**

H220

# **Course Length**

4 years

## **Faculty**

**Physical Science** 

## **Department**

Engineering

## **Entry Requirements**

2026 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

