Civil and Transportation Engineering

Edinburgh Napier University

Venues

Merchiston Campus

Content

In year one you will learn the principles of Civil Engineering via an introduction to Materials, Structural Analysis, Construction Process and methods of Engineering Communication including use of industry standard software platforms. The formative stages of your studies are specific to Civil Engineering and are not taught as part of a common first and second year. All areas are underpinned by developing competency in relevant mathematical techniques and approaches to problem solving.

Once an understanding of the fundamental principles of Civil Engineering has been established, you will then progress on to more advance areas of Structural Design, Geotechnics, Fluid Mechanics and Transportation Engineering. You will implement practical solutions across a range of applied applications and develop your skills in lateral problem solving and innovative thinking.

In your final year of study you will develop, manage and undertake a program of independent investigation under the guidance of an associated research supervisor. You will also work as part of a team to fulfil a client's project brief relating to the development of a substantial piece of Built Environment Infrastructure – the successful fulfilment of this brief will require you to utilize all of the skills developed over the course of your studies with us.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

MEng

UCAS Code

H290

Course Length

5 years

Department

Engineering

Entry Requirements

2027 entry requirements

Standard entry:
4 Highers at ABBB including Maths (Applications of Maths not accepted).

Widening access entry:
4 Highers at BBBC including Maths (Applications of Maths not accepted).

For entry to year 2 you must have 3 Advanced Highers at BBB including Maths.

SCQF Level

11

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

Address

«Address»

Website

www.napier.ac.uk