

Advanced Structural Engineering

Edinburgh Napier University

Venues

Merchiston Campus

Content

You will develop skills in numerical simulation using a variety of advanced software. You will also learn failure analysis methods, the Eurocodes and the code of practice for the design of various construction materials, research skills and the legal issues surrounding construction.

The course is accredited by the Institution of Civil Engineers (ICE), the Institution of Structural Engineers (IStructE) and the Chartered Institution of Highways & Transportation (CIHT).

Subjects include:

Advanced Structural Concrete; Advanced Structural Steel Design; Geotechnical Earthquake and Offshore Engineering; Structural Dynamics and Earthquake Design; Timber Engineering; MSc Dissertation.

Start Date

September, January

Qualification

Postgraduate Master's

Study Method

Part time (day)

Award Title

MSc

Course Length

2 - 3 years

Department

Engineering

Entry Requirements

You will need to have a 2:2 Honours degree in civil engineering.

SCQF Level

11

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

Address

«Address»

Website

www.napier.ac.uk