

# 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

Full time

## Award Title

MSc

## Course Length

12 months (September) 18 months (January)

## 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