

## Advanced Construction Technologies and BIM

University of Strathclyde

### Content

This is a multidisciplinary course that aims to develop the knowledge, practical, and personal skills of graduates to work in the Architecture/Engineering/Construction (AEC) industry and to develop further research skills related to AEC fields. The course enables practitioners to gain access to a theoretical base and to appraise current and future strategies in Advanced Construction Technologies and Building Information Modelling.

Students will take taught modules and a group project in the first two semesters. MSc students then complete a dissertation project in a third semester. Areas explored in the modules include: principles and practices of Advanced Construction Technologies in the architecture/engineering/construction industry; new trends related to digital construction, Building Information Modelling, and construction technology; sustainability; facilities management; construction management (processes, people, procurement); project management (planning, financing, risk).

You can exit at the end of 8 months with a PgCert.

You can exit at the end of 9 months with a PgDip.

### Start Date

September

### Qualification

Postgraduate Master's

### Study Method

Full time

### Award Title

MSc

### Course Length

12 months

### Faculty

Faculty of Engineering

### Department

Architecture

## Entry Requirements

A first or second-class Honours degree (or equivalent) in Architecture, Engineering, Project management, or Quantity Surveying.

## SCQF Level

11

## Address

16 Richmond Street  
Glasgow  
Glasgow City  
G1 1XQ

## Website

[www.strath.ac.uk](http://www.strath.ac.uk)