

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 12 months with PgCert Advanced Construction Technologies and BIM

You can exit at the end of 18 months with PgDip Advanced Construction Technologies and BIM.

Start Date

September

Qualification

Postgraduate Master's

Study Method

Part time (day)

Award Title

MSc

Course Length

24 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

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Website

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