

## Building Services Engineering

Glasgow Caledonian University

### Content

Developed in partnership with the building services industry this programme focuses on heating and air conditioning system design, building performance simulation and assessment, electrical systems and lighting design.

This programme is accredited by the Chartered Institution of Building Services Engineers (CIBSE) so you can progress towards full Chartered Engineer (CEng) status.

Modules studied include:

Fundamental Engineering Theory including Thermodynamics, Fluid Mechanics, Heat Transfer, Electrical Principles, Control Systems and Mathematics; Engineering Applications. Electric Power Systems, Applied Thermodynamics, Computer Aided Design (CAD), Mechanical Engineering, Materials and Mathematics; Building Services Applications, Building Performance Modelling, Heating & Air-Conditioning, Lighting & Electrical System Design, Environmental Studies, Project Management; Advanced Design of Heating, Air Conditioning, Electrical & Lighting Systems, Building Performance Modelling & Energy Assessment, the Engineer in Business, Honours Design Project, Honours Dissertation.

### Start Date

September

### Qualification

Degree

### Study Method

Part time (day)

### Award Title

BEng Hons

### Course Length

8 years

### Faculty

School of Computing, Engineering and Built Environment

### Department

Civil Engineering and Environmental Management

## Entry Requirements

2021 entry requirements:  
Relevant HNC

## SCQF Level

10

## Address

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Glasgow  
Glasgow City  
G4 0BA

## Website

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