

# **Computing**

Glasgow Caledonian University

#### **Content**

The BSc (Hons) Computing course equips you with the knowledge, understanding and skills required of a modern IT professional. If you want to study computing but haven't decided on a specific area of interest, this programme lets you personalise your studies and prepares you for a range of graduate roles.

#### Year 1

Fundamentals of Computer Systems; Fundamentals of Software Engineering; Programming 1; Maths for Computing; Fundamentals of Network and Cloud Computing; Database Development; Integrated Project 1.

#### Year 2

Programming 2; Object Oriented Analysis & Design; Human Computer Interaction; Data Structures and Algorithm; Web Application Development 1; Integrated Project 2.

#### Year 3

IT Project Management 1; Web Application Development 2; Research Skills & Professional Issues; Integrated Project 3; Option module 1; Option module 2.

Choose two\* from: Applications Architecture and Design Patterns; User Psychology; DevOps; Mobile Platform Development.

#### Year 4

Honours Project; Front-end Web Development; Option module 1; Option module 2; Option module 3

### Choose three\* from:

Machine Learning and Data Analytics; Business Process Modelling; Advanced HCI; Programming Paradigms; Secure Software Development; IT Project Management 2; Management of Innovation and Creativity; Artificial Intelligence; Cloud Platform Development

#### **Start Date**

September

## Qualification

Degree

#### Study Method

Full time

#### **Award Title**





**BSc Hons** 

### **UCAS Code**

G401

# **Course Length**

4 years

## **Faculty**

School of Computing, Engineering and Built Environment

## **Department**

Computing

# **Entry Requirements**

2026 entry requirements

Standard entry: 4 Highers at BBCC including Maths (or Applications of Maths) or Computing Science.

Widening access entry: 4 Highers at BCCC including Maths (or Applications of Maths) or Computing Science.

A Foundation Apprenticeship is accepted as equivalent of a non-essential Higher at B.

## **SCQF Level**

10

# **Progression Routes**

«ProgressionRoutes»

## **Combination Courses**

``htmlCombinationCourse''

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### **Address**

Cowcaddens Road Glasgow Glasgow City G4 0BA

### Website

www.gcu.ac.uk

