# 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

2027 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» «htmlCombinationUCASCode»

## Address

Cowcaddens Road
Glasgow
Glasgow City
G4 0BA

## Website

www.gcu.ac.uk