

# Advanced Internetwork Engineering

Glasgow Caledonian University

## Content

If you're already a successful networking professional who wants to advance your career to the next level, this unique one-year master's programme is designed for you. The only programme of its kind in the world, GCU's MSc Advanced Internetwork Engineering will prepare you for the Cisco Certified Internetwork Expert (CCIE) exam.

The programme offers a structured, supported path so you can develop expert-level network engineering skills and achieve CCIE certification. With this elite credential, you'll be a competitive candidate for senior-level and leadership roles in network engineering.

Lectures and labs bring together theory and practice, integrating hands-on demonstrations and experiential learning using live equipment. With GCU's career-focused atmosphere and supportive environment, you'll have an ideal opportunity to build valuable skills.

Modules include:

Infrastructure Services; Integrating Network Technologies; Layer 2 Technologies; Layer 3 Technologies 1; Layer 3 Technologies 2; Masters Project; Multicast and WAN Technologies; Research and Project Methods; Security and VPN Technologies.

## Start Date

September

## Qualification

Postgraduate Master's

## Study Method

Distance and Flexible learning  
Part time (day)

## Award Title

MSc

## Course Length

2-5 years

## Faculty

School of Computing, Engineering and Built Environment

## Department

Computing

## Entry Requirements

2:2 Hons Degree or above in a computing/network related discipline. Networking modules with 2nd Class grades (or equivalent) at Year 3 and above are required. Industry experience or certification (for example, CCNA) will be considered for those with non-relevant degrees.

## SCQF Level

11

## Progression Routes

«ProgressionRoutes»

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

Cowcaddens Road  
Glasgow  
Glasgow City  
G4 0BA

## Website

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