Digital Security and Forensics (3rd year entry)

Glasgow Caledonian University

Content

With today's advancing technologies comes the increasing threat of cybercrime. The National Cyber Security Strategy makes clear the importance of good network defences in securing the UK. GCU has developed a suite of programmes which provide the opportunity to be at the forefront of defending cyberspace from sophisticated malicious attacks and future threats.

Digital Security and Forensics develops the theory and practical skills of how illegal computer attacks are performed and how to counteract them, explores the nature of digital evidence and focuses on the law and issues surrounding computer crime. It equips graduates with technical, analytical and evaluation skills in all areas of digital forensic investigation, including ethical hacking, intrusion, detection, data recovery and security systems.

Year 1
Programming 1, Computer Networking 1, Web Platform Development 1, Integrated Project 1, Mathematics for Computing, Fundamentals of Computing.

Year 2
Secure Systems Administration, Computer Networking 2, Programming 2,Integrated Design Project 2, Database Development, Cyber Security Operations.

Year 3
Quantitative Methods and Cryptography, Digital Forensic Investigation, Ethical Hacking, Regulating the Information Society, Integrated Design Project 3, Research Skills and Professional Issues.

Year 4
Web Application Security, Internet Security, Malware Analysis, Applied Digital Forensics, Honours Project.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BSc Hons

UCAS Code

I111

Course Length

4 years

Faculty

School of Computing, Engineering and Built Environment

Department

Cyber Security and Networks

Entry Requirements

2027 entry requirements

Relevant HND

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

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