



University of
Strathclyde
Glasgow

Graduate Apprenticeship

MSc Cyber Security

“Allied’s partnership with Strathclyde continues to be a hugely positive experience for the business but, more importantly, our long line of graduates. Although a huge challenge for each of them balancing home, work and studies, seeing those delighted faces as degree results are released is something that we never tire of. The support we receive from the university is second to none and helps ensure that we are aligned to the progress of each student as they develop on their academic journey. We look forward to the partnership strengthening even further in years to come.”

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The MSc Cyber Security has been fully certified by the National Cyber Security Centre.

The certification means the programme meets the criteria defined for Scottish Graduate Apprenticeship Master’s Degrees providing a General Foundation in Cyber Security.



SCAN QR CODE

Strathclyde's certified MSc Cyber Security Graduate Apprenticeship programme, designed in partnership with industry, will develop apprentices' knowledge, skills, competencies and professional behaviours.

Our bespoke 18-month course, fully certified by the National Cyber Security Centre (NCSC), is designed in partnership with industry. It combines academic knowledge with skills development to enable employees to become more effective and productive in the workplace, by providing working professionals with new advanced skills that are needed to protect and defend information systems from attack.

Facilitated by world-class academics, apprentices will acquire underpinning knowledge and understanding via a blended online learning and on-campus delivery model, with core Cyber Security competencies being developed through an integrated work-based learning curriculum.

Employer Benefits

- Enables employers to fast track the time required for graduates to reach optimum productivity
- Fully funded MSc programme with the opportunity to progress to Doctoral level.
- Designed for a diverse and geographically remote learner population whilst offering an individualised learning experience including a work related research project and personalised work based learning.



Why Strathclyde:

- Our one day, every three weeks, on campus model ensures minimum time out of the business.
- Dedicated support from a Learning Advisor, who has come from industry.
- Programmes are designed and continually developed with industry at the heart of them.

Course Structure & Content

During the first three 12 week terms of the programme, Graduate Apprentices will study a series of 6-week long 15 credit modules. The programme comprises a mix of core and specialised modules:

Information Security Fundamentals	Digital Forensics & Incidence Response
Advanced Information Security	Compliance & Operational Security Management
Advanced Topics in Information Security	Vulnerability Assessment & Security Testing

Year 1
Term 1
Information Security Fundamentals
Digital Forensics & Incidence Response
Term 2
Advanced Information Security
Compliance & Operational Security Management
Term 3
Advanced Topics in Information Security
Vulnerability Assessment & Security Testing
Work Based Learning throughout all three terms
Year 2
Term 1
Research Methods
Project Term 1
Term 2
Project Term 2 (Submission: March)

In parallel, Graduate Apprentices will also undertake a 30 credit Work Based Learning module with the support of appropriately qualified University staff.

During the rest of the programme Graduate Apprentices undertake a 60 credit Research Project and Dissertation module.

This will begin with an introduction to Research Methods leading to the development of an employer relevant research project proposal, followed by the conduct of the actual research under the supervision of an academic.



Entry Criteria

We have a flexible admissions approach and applications will be considered on an individual basis. Applicants will typically have a 2:1 BSc Honours degree in Computer Science, related discipline or equivalent experience.

The apprentices must have a job role which involves some aspect of Cyber Security so that they can complete the work-based learning component of the degree.

Apprentices must be given 20% of their work time for their studies.

Graduate Apprenticeships are funded by Scottish Funding Council
www.sfc.ac.uk



Scottish Funding Council
Comhairle Maoineachaidh na h-Alba



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www.strath.ac.uk/courses/postgraduatetaught/cybersecurity/

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