

Graduate Apprenticeship

Cyber Security

MSc



MSc Cyber Security

The course provides students with the skills required to become a successful cyber security professional in this growing, fast paced sector. Students will be able to help protect their organisations against evolving threats. They will develop the lifelong learning professional skills, ethics and behaviours required to stay abreast of a rapidly evolving domain.

Apprenticeship Highlights

The course covers topics which offer students a thorough grounding in:

- Information risk management
- Development of a successful security program
- Appraisal of security controls to meet business requirements
- Building and maintaining of secure networks
- Development and execution of vulnerability assessments and penetration tests
- Security operations and digital forensics

Students will also undertake a substantial security project, drawing together all the main skills developed throughout the course.

This course is fully certified by the National Cyber Security Centre, a part of GCHQ

Career Enhancement

A Graduate Apprenticeship synchronises theoretical learning with practical experience. Graduate Apprenticeships offer benefits to both the employee and the employer, meeting the long-term development needs of both the business and the apprentice.

Employees exiting with a Graduate Apprenticeship degree qualification could enhance their careers in a wide range of possible job roles including:

- **Chief Information Security Officer (Ciso)**
- **Computer Information Systems Manager**
- **Computer Network Architect**
- **Cybercrime Analyst/Investigator**
- **Cyber Security Analyst/Consultant**

Entry Requirements

All applicants must be employed in a role related to the course of study, must have the right to live and work in Scotland and be working in Scotland.

- **Applicants normally hold a 2:2 undergraduate honours degree, or its equivalent, in a subject area with substantial Computing content.**

We welcome applications from those with equivalent qualifications or work experience which equip them with an equivalent starting point for the apprenticeship.

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