

# Cyber Security

SCQF Level 11

## Why Study a Graduate Apprenticeship?

Studying for a graduate apprenticeship not only means that you will gain a degree but get paid a wage while learning the skills, knowledge and understanding that industry expects from a graduate.

Because graduate apprenticeships are full time employees, you will spend about 80% of your time based at the work place and 20% on study. There are flexible entry and exit points from Higher National Diploma at SCQF Level 8 to a Master's Degree at SCQF Level 11.

## Who Can Apply?

Graduate Apprenticeships are for those over the age of 16 who are:

- school leavers with Highers or Advanced Highers, or
- adults with relevant qualifications or experience, and
- resident in Scotland at the start of the Apprenticeship.

There is no age limit for applicants. Some vacancies may require applicants to be age 18 or over, due to health and safety requirements.

If you already have a degree you can still apply for a GA. The condition is that it cannot be in the same subject area and level. Therefore, for example, you can do the same subject at a higher or lower level, or do the same level but in a different subject area.

## Entry Requirements

These will vary by course and institution. Vacancy advertisements provide specific information on the qualifications required by the delivery institution for each GA.

Typically you would need either:

- A relevant Honours degree
- Current employment in the industry.

Check individual institution websites for specific entry requirements.

## Course Content

The key content areas which make up the Cyber Security: SCQF level 11 Graduate Apprenticeship:

- confidentiality, integrity and availability (CIA) - the 3 main components of information security
- understanding probability, consequence, harm, risk identification, assessment and mitigation
- threats, how they materialise, typical attacks and how those attacks exploit vulnerabilities
- physical and process controls in an organisation

- developing robust, resilient systems
- understanding the personal, organisational and legal context.

## Qualifications Gained

Graduate Apprenticeship in BEng (Masters) Cyber Security (SCQF Level 11)

## Duration

18 months - 2 years

## What can I go on to next?

You could find employment in roles like:

- Information security assurance specialist
- Cyber security technical specialist
- Security operations centre specialist.

## How to Apply

You should apply directly to the employer who is advertising the vacancy. Vacancies are advertised on [www.apprenticeships.scot](http://www.apprenticeships.scot).

## Related Career Areas

- Computing and ICT

## Offered By

- Edinburgh Napier University
- Glasgow Caledonian University
- Robert Gordon University
- University of Strathclyde