

Data Science

SCQF Level 10

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 need:

- 4 Highers (usually including Maths and a science or technological subject)
- National 5 English and Maths
- Advanced Higher Maths may be recommended.

Check individual institution websites for specific entry requirements.

Course Content

The key content areas which the Data Science Graduate Apprenticeship are designed to support:

- Data management
- Data analytics
- Statistical techniques

- Machine learning and artificial intelligence
- Data engineering.

Qualifications Gained

BSc (Hons) Data Science (SCQF Level 10)

Duration

4 years.

What can I go on to next?

The Data Science GA is aimed at employment in many different sectors, such as finance, health, retail, and in public sector roles in local and central government. Specific roles will depend on the nature of the organisation, including, but not limited to:

- Data scientist
- Data engineer
- Data analyst
- Data architect
- Machine learning engineer
- Data insight analyst.

How to Apply

You should apply directly to the employer who is advertising the vacancy. Vacancies are advertised on www.apprenticeships.scot.

Related Career Areas

- Computing and ICT

Offered By

- University of Edinburgh
- University of St Andrews