ROBERT GORDON
UNIVERSITY ABERDEEN

Graduate Apprenticeship

Data Science

BSc (Hons)

BSc (Hons) **Data Science**

With an estimated opportunity of £20 billion, Scotland's vision is to lead as the 'Data Capital of Europe', by embracing data-driven innovation as a cornerstone of progress. Our Graduate Apprenticeship in BSc (Hons) Data Science offers a gateway to this transformative era, equipping students with the skills to navigate and harness the power of data. This degree programme contributes to shape a workforce that is future-proofed and empowered to drive innovation, fuel economic growth and shape a brighter tomorrow. Join us in revolutionising industries, transforming businesses and shaping the future through the power of data science.

Apprenticeship Highlights

This apprenticeship will cover topics that will develop the knowledge and skills necessary for a successful career in a data science role. Apprentices will develop an understanding of their organisation's data strategy/governance and the key relevant data legislation, before gaining familiarity with the techniques used throughout the data analytics lifecycle (from data cleaning and transformation to statistical analysis and visualisation) to solve business problems. Apprentices will then gain skills required to deal with the ever-increasing business need to store and process high volumes of data through the use of big data systems and cloud computing. Finally, the apprenticeship will cover the key principles, skills and applications of artificial intelligence and machine learning (such as recommender systems, social media mining, image analysis and recognition, virtual assistants and predictive maintenance) to drive business efficiency and support decision-making.

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:

- **Data Scientist**
- **Data Analyst**
- **Data Engineer**
- **Business Intelligence Professional**
- **Business Analytics Specialist**
- **Database Developer**
- **Machine Learning Engineer**

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.

- **SQA Higher: BBBC**

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

→ **www.rgu.ac.uk/ga**
→ **GAEmployer@rgu.ac.uk**