AI and Data Science (Graduate Apprenticeship)

Glasgow Caledonian University

Content

The BSc (Hons) AI and Data Science (Graduate Apprenticeship) will equip you with the knowledge and skills required to develop a career that uses societally beneficial data science and artificial intelligence solutions to real-world problems like climate change, financial services, or sustainable development.

Informed by both academic research and industrial interaction feedback, this course will help you to learn how to manage, explore, analyse, understand and visualise image, text, or numerical data and apply these skills to challenges in areas such as autonomous vehicles, financial decision making, health diagnosis, or robotics.

Year 1
Mathematics for Data Science; Programming 0; Probability and Statistics; Database Development; Fundamentals of Software Development; Work Based Project 1.

Year 2
Programming 1; Introduction to Data Science; Programming 2; Software Process and Practice; Human Computer Interaction; Work based Project 2.

Year 3
Data Protection and Ethics; Dev Ops; Data Visualisation; Research Skill and Professional Issues; Programming 3; Work Based Project 3.

Year 4
Big Data and IoT; Advanced Data Science; Cloud Platform Development; Machine Learning; Honours Project.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BSc Hons

Course Length

4 years

Faculty

School of Computing, Engineering and Built Environment

Department

Computing

Entry Requirements

2027 entry requirements

4 Highers at BBCC including Maths or Computing Science.

You must be in (or in the process of looking for) a GA position with an employer. Contact institution for further information.

A Foundation Apprenticeship is accepted as equivalent of a non-essential Higher at B.

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

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