Data Science

University of Aberdeen

Venues

Old Aberdeen Campus

Content

Data scientists use technical analysis, design, and programming skills to tackle a wide variety of challenges, ranging from mitigating climate change and detecting diseases to optimising production processes and enhancing customer experiences.

In recent years, data science has experienced a revolution with advancements in big data, predictive analytics and AI technologies such as ChatGPT and Bard AI. While these developments have improved how organisations automate processes, forecast trends, and engage with customers, the growing volume and complexity of data available presents new challenges to how we can leverage its true power.

To overcome this challenge, organisations look to data scientists who have the advanced data analysis and modelling skills to extract meaningful insights from data. The Data Science degree programme is designed to address this challenge. You will learn essential data analysis and modelling skills, including programming, statistics, software engineering, data curation, and more. The topics you study will also provide you with advanced knowledge and techniques applicable to artificial intelligence, machine learning, deep learning, distributed systems and cybersecurity.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BSc Hons

UCAS Code

G403

Course Length

4 years

Faculty

Physical Science

Department

Natural and Computing Sciences

Entry Requirements

2027 entry requirements:

Standard entry:
4 Highers at BBBB including 2 maths or science subjects plus English and Maths at National 5.

For second year entry you would require 2 Advanced Highers at AB.

Widening access entry:
3 Highers at BBC including 2 maths or science subjects plus English and Maths at National 5.

1 Foundation Apprenticeship is accepted in place of a non-essential Higher.

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

Address

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Website

www.abdn.ac.uk