

## 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

2026 entry requirements:

Standard entry:

4 Highers at BBBB including 2 maths or science subjects plus English, Maths and Chemistry or Physics at National 5.

For second year entry you would require the above plus 2 Advanced Highers at AB including Maths.

Widening access entry:

3 Highers at BBC including 2 maths or science subjects plus English, Maths and Chemistry or Physics 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

King's College  
Aberdeen  
Aberdeen City  
AB24 3FX

## Website

www.abdn.ac.uk