

# Data Science and Artificial Intelligence

University of Stirling

## Venues

Stirling Campus

## Content

This course creates specialists in understanding AI, computing and data science, to meet market demand for experienced and skilled graduates.

Advances in data driven AI and machine learning, particularly computer vision and natural language, are becoming increasingly popular in industry and society at large. Technologies such as self-driving cars, intelligent assistants (like Alexa), ChatGPT, and AI health care have made AI an increasingly everyday technology, and one that will revolutionise the way we live and work in the years to come. This course will teach you computing and data science technologies, with an emphasis on applications of artificial intelligence. You will also learn the underlying computing and algorithmic principles driving data science and artificial intelligence technologies.

You will gain skills, experience and expertise valued by data science employers in a wide range of industry sectors including finance, transport, food, and local government. These include scripting languages, databases, machine learning, analytical and data processing skills, and a modern, data-driven approach to AI including computer vision, natural language processing, and generative AI.

The course has a strong focus on employability, including a three-month work placement to provide valuable industrial experience and an opportunity to apply your skills in a commercial setting. The final year includes a dissertation project, in which you will set the initial requirements, undertake development and research, and culminates with the presentation of your results to staff and industry representatives.

## Start Date

September

## Qualification

Degree

## Study Method

Full time

## Award Title

BSc Hons

## UCAS Code

G700

## Course Length

4 years

## Department

Natural Sciences

## Entry Requirements

2026 entry requirements:

4 Highers at ABBB

For entry to the three year Honours degree you would need 3 Advanced Highers at ABB including Computing Science. You should have experience of Java or other programming languages.

## SCQF Level

10

## Progression Routes

«ProgressionRoutes»

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

Stirling  
FK9 4LA

## Website

www.stir.ac.uk