

**Data Science**

Data science is an interdisciplinary field that uses scientific methods, processes, algorithms and systems to extract knowledge and insights from noisy, structured and unstructured data, and apply knowledge and actionable insights from data across a broad range of application domains.

**DATA SCIENCE COURSE PROSPECTUS (2021/2022)**

The demand for data scientists is ever rising. A report by Harvard Business Review suggests that the shortage of data scientists has become a serious constraint in certain sectors, leading the authors to claim Data Scientist as the Sexiest Job of the 21st Century.

**Overview**

**Level of Study:**

Post-Graduate

**2021/22 Tuition fee:**

UK/Home: $7,200

International Fee: $16,000

**Entry Requirement:**

Minimum of GCSE or Equivalent

**Information Governance and Cyber Security**

In this module, you will learn about the information governance and cyber security principles that underpin the management of an organization’s information assets. In doing so you will critically analyze the key concepts, standards and frameworks of information governance and security, including risk management.

**Leadership in a Digital Age**

In this module, you will develop new knowledge and skills that are essential for your career development as they enable you to become competent at visioning, development and deployment of technological strategies and responses to challenges and opportunities in complex organizational environments.

**Course Information**

**Modules**

**A Combined Application Form**

Applicants submit their application for admission and funding (Excellent Coaching and other funding) via the School’s application portal.

To be considered for an Excellent Coaching Scholarship you must complete the section to apply for admission to a course in a campus location and the Excellent Coaching part of the funding section (not Compulsory). Excellent Coaching has access to the full application for admission and funding when reviewing applications.

**The Funding Section**

In this section you can apply for a range of funding offered by the University and associated bodies, including the Excellent Coaching Scholarships, which has its own sub-section. When applying for Excellent Coaching’s Scholarship, you will be asked to provide the following:

1. A valid means of Identification.
2. Statement of purpose.
3. Excellent Coaching Reference.

We look forward to having you here with us, Cheers.

**How to Apply**

**Mode of study:**

Full-time classroom

**Duration:**

1 year

**Research Method for Professional Practice**

This module is designed to ensure you have the skills and knowledge to complete a postgraduate research project which is relevant to Computing and Technology and career or future aspirations of this plan.

**Machine Learning on Cloud**

The module aims to provide you with a critical review of the theory and practice of machine learning on the cloud platform. You will critically analyze the capabilities of machine learning and apply its methods and techniques to discover patterns for trends analysis.

**Big Data Analytics**

This module provides you with in-depth coverage of fundamental concepts and principles of big data and the analytical techniques and technologies used for big data analytics.