



## University of Roehampton (London)

### Data Science

#### Study details

**Course type:** Master's degree  
**Degree:** MSc (Hons) Data Science  
**Study mode:** Full time  
**Duration:** 12 Month

#### Cost of study

**Cost :** 17 000 - 18 000 GBP  
**Reg. fee :** N/A GBP  
**Scholarship :**  
**Insurance :** N/A GBP

#### Intake/s

Sep

#### Requirements

### Entry requirements

#### Roehampton English Language Test

- Postgraduate degrees - mapped to IELTS scores

#### TOEFL IBT

- Postgraduate degrees - 89 overall with a minimum of 17 in listening and writing, 18 in reading and 20 in speaking

#### IELTS Academic

- Postgraduate degrees – 6.5 overall with a minimum 5.5 in each component

#### Cambridge Advanced Certificate

- Postgraduate degrees - 176 overall with a minimum 162 in each component (some schools require a minimum of 169 in each)

#### Cambridge Proficiency Certificate

- Postgraduate degrees - 176 overall with a minimum 162 in each component (some schools require a minimum of 169 in each)

All applicants that require a Tier 4 visa must also meet the minimum English Language requirements before we can issue a Certificate of Acceptance for Study (CAS) that is needed to apply for a Tier 4 visa.

## Academic requirements

Along with a complete application, EU and international applicants are required to submit various supporting documents. These include:

- Academic qualifications (certificate and transcript)
- Valid English language qualification
- Personal statement
- Two references

## Accommodation

## Facilities

- 24-hour computer room. Whitelands is able to boast an on-site 24-hour computer room for all Whitelands students to use.
- Quiet Study Area and Manresa Hall.
- College Kitchen & Student Lockers.
- Sports Field and Grounds.
- Catering On-Site.

## Accommodation Fees

£163.00 to 210.00 pw

## Speciality

Pathway Extended Masters is available

## Additional information

## Degree Overview

As technology advances, the ability to generate, capture and analyse data from various sources and applications is vital across numerous industries. Our MSc Data Science teaches you how to apply critical mathematical thinking to several data types. You will have skills valuable to financial, social, policy and commercial settings. The programme will cover data analysis, machine learning, and visualisation, as well as the necessary technical skills to thrive in industry. We will also equip you with the skills needed to stay abreast of data science changes and work in commercially, ethically, and

legally appropriate ways. You will begin by taking modules in programming, data analytics techniques and the fundamentals of mathematics for data science. You further apply these skills in machine learning and data visualisation. You will benefit from emphasising real-world workflows and applying techniques, using case studies, and working with real data sets. You will then have a chance to consolidate and demonstrate the skills you have acquired throughout the year in your final project. After the programme, you can undertake an industrial placement year, allowing you to gain valuable work experience relevant to your career aspirations. We deliver all computing programmes in an active blended learning style, with most lectures replaced by workshops and seminars. Our approach provides a learning environment focused on collaborative working in practical lab spaces, immersed in an environment based on working in the IT industry.

## Study Reasons

- We have embedded employability throughout the curriculum of MSc Data Science. You will engage with project-based learning activities and assessments that reflect real-world scenarios. Our collaborative method, team working modules, and MSc Project demonstrate our project-based approach to learning.
- Data Science is a growing field with graduates in great demand and excellent prospects in FinTech, banking, management consultancies, travel and transport, utilities, and healthcare.
- You can study flexibly with the option to take stand-alone qualification (PGCert / PGDip) or complete the full MSc.