



Person Specification

This form lists the essential and desirable requirements needed in order to do the job.

Applicants will be shortlisted **solely** on the extent to which they meet these requirements.

Job title: Assistant Professor in Data Science

Department: Statistics

Accountable to: Head of Department

Requirements	E/D
1. Research	
Expertise and research interests in data science	E
A completed PhD, or close to obtaining a PhD, in computer science, mathematics, statistics or a related subject by the post start date	E
A track record or trajectory of internationally excellent publications	E
Proven ability, as evidenced by existing publications, or potential to publish in top journals in data science	E
A clear, well developed and viable strategy for future outstanding research that has the potential to result in world-leading publications	E
Ability to establish an international reputation in data science	E
Experience of undertaking research in data science methodology (including, but not limited to, supervised learning, unsupervised learning, reinforcement learning, deep learning, optimisation for machine learning, probabilistic modelling and inference, data mining, network data analysis, and natural language processing)	E
Commitment to collaborate with social scientists and to engage with users of methods of data science who are outside the academic community in data science	D
Commitment to engaging with the interface/overlap between the disciplines of statistics and data science	D



Ability to attract external funding	D
Ability to undertake research that has impact and ability to engage in knowledge exchange	D
2. Teaching	
Ability to teach data science courses at both undergraduate and postgraduate level	E
Experience in teaching data science and machine learning courses at both undergraduate and postgraduate level	D
Ability and commitment to supervise PhD students	E
A commitment to high quality teaching and fostering a positive learning environment for students, including pastoral care	E
3. Other	
A commitment to work as part of a team in assisting the smooth running of the Department and its teaching programmes	E
Excellent written and oral communication skills, including an ability to place one's specialist work within a broader societal context	E
Evidence of innovation or creativity in research or teaching	D

E – Essential: Requirements without which the job could not be done.

D – Desirable: Requirements that would enable the candidate to perform the job well.