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

Department: Statistics	**Accountable to: Head of Department**

Requirements	**E/D**
1. Research	
Expertise and research interests in statistics	E
A completed PhD, or close to obtaining a PhD, in 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 conferences and journals	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 statistics	E
Experience of undertaking research related to machine learning and/or AI	D
Evidence of using real-world datasets in research, or interest to do so in future research	D
Commitment to engage in inter-disciplinary research in the broad area of social science with researchers or with end-users of statistics outside the academic community w	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 statistics courses at both undergraduate and postgraduate level	E
Experience or interest in teaching statistics and machine learning courses at both undergraduate and postgraduate level	E
Experience or interest in teaching that involves the use of modern data science software tools and technologies (e.g. for data analysis and visualisation, distributed computing for processing large datasets, and large-scale machine learning)	D
Experience or interest in using real-world datasets in teaching	E
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.