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 Professorial Lecturer in Geographical Data Science

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Department/Division: Geography and Environment   **Accountable to:** Head of Department

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Criteria	E/D
Expertise to a demonstrably high level in one or more of the following areas: Geographical Data Science; Spatial Analysis Techniques; Geographical Information Systems (GIS); Analysis of Spatial Socio-Economic Data: Methods and Theories.	E
A completed PhD, or close to obtaining a PhD by the post start date, in the fields of: Data Science; Economic Geography; Economics; closely related areas with an emphasis on quantitative methods for the analysis of spatial socio-economic phenomena.	E
Evidence of an excellent track record in teaching	E
Evidence of innovation or creativity in teaching	E
Ability to teach, supervise and mentor students, and foster a positive learning environment for students	E
Ability to communicate effectively with students, promoting clear information about courses and resolving student queries	E
Ability to teach computer science courses – such as computer programming – and convey contemporary research findings on new developments in the field of data science, GIS, spatial analysis techniques; and research findings in the analysis of spatial socio-economic phenomena that speak to policy relevant issues in both developed and developing countries	E
Experience in teaching that involves the use of modern data science software tools (such as Python, R and Stata) and technologies (such as big data scraping and analysis, visualisation, and large-scale machine learning)	E
Experience or interest in using real-world datasets in teaching	E
Ability or willingness to contribute to the design and delivery of new courses including executive education, summer schools and on-line courses	E

A commitment to working as part of a team and assist in the smooth running of the Department and its teaching programmes	E
Strong interpersonal and networking skills that enable the development of internal networks	E
Experience of course level leadership, including course design, delivery and management	D
Experience in supporting student learning through the effective use of technology and varied forms of student assessment	D
Experience in teaching, supervising and mentoring – specifically at *postgraduate* level	D
Willingness to organise and participate in initiatives to contribute to the Department's provision of experiential learning for students. This includes field-trips and other off-campus educational activities for undergraduate and postgraduate students	D
A strong interest in and familiarity with cutting edge research in the field	D
Familiarity with economics and economic geography frameworks for the analysis of spatial socio-economic phenomena.	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.