



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: LSE Fellow in Geographic Data Science (GDS) (Band 6)

Department/Division: Geography & Environment

Accountable to: Prof Steve Gibbons

Criteria	E/D
A completed PhD, or close to obtaining a PhD by the post start date, in the fields of: Data Science; Economic Geography; Economics; or closely related areas.	E
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 developing research record in Data Science; Economic Geography; Economics; or closely related areas with an emphasis on quantitative methods for the analysis of spatial socio-economic phenomena.	E
Potential for developing high quality research with a strategy for future research.	E
Ability to teach, supervise and mentor students at the undergraduate and postgraduate level, and to foster a positive learning environment for students.	E
Relevant teaching and assessment experiences at undergraduate and postgraduate level.	E
Excellent communication and presentation skills.	E
Excellent administrative skills.	E
The ability to work in close partnership with fellow teachers, including on a one-on-one basis and in small groups, and to provide effective support, as necessary	E
Ability to teach computer science courses – such as computer programming – and convey contemporary research findings on new developments in the field of data	E



science, GIS, spatial analysis techniques.	
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
A commitment to EDI (equality, diversity and inclusion)	E
Ability to relate own specialist work to general issues facing the discipline in the contemporary world.	E
Ability and willingness to work as part of a team in the development strategy of the Department.	E
Ability to communicate effectively with students, academics and academic support staff.	E
Ability to organise and participate in initiatives to contribute to the Department's provision of experiential learning for geography and environment students. This includes field-trips and other off-campus educational activities for undergraduate and postgraduate students.	D
Experience of managing and contributing to course virtual learning environments (e.g., Moodle)	D
Interest and/or experience in innovative and web-based teaching methods.	D
Experience in carrying out course administration	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.