



## 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 Computational Social Science

**Department:** Methodology

**Accountable to:** Head of Department

Requirements	E/D
<b>1. Research</b>	
Expertise and research interests in applying computational and quantitative methods to an empirical social science discipline, including the analysis of big data	E
Expertise in computational methods, computer programming, and applied data science, to the level of being able to teach and conduct world-class research in this area	E
A completed PhD, or close to obtaining a PhD, in a relevant social science discipline by post start date	E
A track record or trajectory of internationally excellent publications	E
Proven ability, as evidenced by existing publication(s), or potential to publish in top journals in a social science discipline and/or quantitative research methodology	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 computational methods	E
Ability to attract external funding	E
Ability to undertake research that has impact and ability to engage in knowledge exchange	D
Willingness to engage in collaborative research with other members of the Department, and with related research centres and disciplines.	D



<b>2. Teaching</b>	
Experience teaching computational research methods at undergraduate or postgraduate level	E
Experience teaching quantitative research methods at postgraduate level	D
Ability to teach research methods to multi-disciplinary groups of students	E
Ability to teach one or more of the Department's existing advanced quantitative research methods courses (i.e. courses above the level of MY451: Introduction to Quantitative Analysis)	E
Ability to develop and teach new advanced computational research methods courses on topics that are not yet covered by the Department's teaching programme	E
A commitment to high quality teaching and fostering a positive learning environment for students, including pastoral care	E
<b>3. Other</b>	
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 social science context	E
Ability to engage with other academic department(s) and/or Research Centres in the School, to develop research contributions recognised by relevant social scientific discipline(s)	E
Teaching-related administrative experience	D
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.**