# 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.

**Department:** Methodology **Accountable to:** Head of Department

**Job title:** Assistant Professor in Computational Social Science Methods

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| **Requirements** | E/D |
| 1. **Research** |  |
| 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 |
| 1. **Teaching** |  |
| 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 |
| 1. **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 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.**