



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: Research Officer in Latent Network Modelling

Department/Division: Department of Methodology Accountable to: Dr Eleanor Power

| Evidence | E/D |
|--|-----|
| • Evidence of strong computer programming skills, preferably R and Python | E |
| • Experience or the ability to learn the use of version-control software | E |
| • Good mathematical knowledge of linear algebra, calculus, probability and/or numerical analysis | E |
| • Experience with methods for analysing and handling network data | E |
| • Educated to PhD level in computer science, applied mathematics, or related fields | D |
| • Experience with software development, preferably designing R or Python packages | D |
| • Ability to publish material on the web, through web page content managers | D |
| • Experience with scientific libraries and/or parallel programming | D |
| Other knowledge, experience, abilities that are also required: | |
| • Participation in workshops and international conferences as part of the support activities | E |
| • Ability to work collaboratively with others in developing models, peer-reviewed journal publications, and user-friendly software documentation | E |
| • A willingness to work in a new role whose precise parameters will be refined throughout the period of the appointment | E |
| • Excellent written/spoken English and communication skills | E |

E – Essential: Requirements without which the job could not be done.

D – Desirable: Requirements that would enable the candidate to perform the job well.