



Person Specification

Job Title: Research Assistant - GIS Landscape Analysis (Ref: CES12-27)

Faculty/School/Service: Faculty of Computing, Engineering and Sciences

The qualifications, experience, knowledge skills and personal qualities outlined below provide a summary of what is required to carry out this job effectively. They also form the selection criteria on which a decision to appoint will be made. Please ensure that you provide evidence of how you meet the criteria in your application.

No	Selection Criteria Description	Essential [E] or Desirable [D]	Assessed by *
1	Working knowledge of ArcGIS software including: ArcCatalog, ArcMap and ArcTools	E	A / I
2	An undergraduate qualification (at 1 st or 2.1 level) in Geography, Environmental Science or Planning. (Other degree qualifications with a strong landscape/environmental component may also suffice)	E	A
3	Proven research skills, including previous experience of carrying out literature reviews and data sourcing	E	A / I
4	An independent and mature approach to research, with the ability to work unsupervised on set tasks	E	A / I
5	A highly motivated individual with evidence of an organised approach to work, high standards of record-keeping and an ability to prioritise and plan a busy workload	E	A / I
6	An MSc in Geographical Information Systems or an in an environmental studies MSc with a strong GIS component or equivalent work experience	D	A
7	An understanding of different sources of digital data and evidence of having used these spatial datasets in a GIS environment	D	I
8	Proven experience of programming using ArcGIS either with Python or with Modelbuilder or the capability to learn this quickly. (Other programming experience such as in C++ / Java would also be considered)	D	I

*Key	
[A] Application form	To be assessed against the information provided in the relevant steps of the application form and the evidence required under Section 4, 'Supporting Statements'
[I] Interview	To be assessed during the interview process including selection tests or presentation, as appropriate