

## Academic Job Details

# Lecturer / Senior Lecturer in Statistics

## School of Mathematics, Statistics and Physics

### Faculty of Science, Agriculture and Engineering

### Academic Job Summary

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The University has developed an [Academic Job Summary Guidance](#) document which summarises the range of activities that academic staff may be expected to perform.

### Specific Responsibilities of Position

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1. To undertake independent original research in methodology for statistics/statistical data science.
2. To publish refereed articles in journals of international standing.
3. To collaborate with colleagues in the School on research in statistics/statistical data science.
4. To collaborate in applied research with colleagues from other schools.
5. To develop grant-funded research projects.
6. To supervise PhD students and postdoctoral researchers.
7. To undertake external professional activities that contribute to the development of methodology in statistics/statistical data science.
8. To undertake teaching in statistics/statistical data science as required.
9. To contribute to the life and work of the School in general and to the statistics section in particular.
10. To carry out administrative duties as assigned by the Head of School and the School Executive Board.

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## Person Specification

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	<b>Qualifications</b>	<b>Essential or Desirable</b>
1	PhD in Statistics or a closely related discipline	E
2	Relevant teaching qualification	D
	<b>Knowledge, Skills and Experience</b>	
1	Evidence of analytical and problem-solving capability with the relevant personal skills, initiative and drive.	E
2	Strong awareness of modern methodology in statistics or statistical data science.	E
3	A record of high quality research in methodology for statistics or statistical data science with potential to meet the University's standard for submission to the Research Excellence Framework and achieve international standing in research within a few years.	E
4	Demonstrable ability to effectively teach at University level and the willingness to supervise PhD students and postdoctoral researchers.	E
5	Effective time management, prioritisation and organisational skills to balance the potentially conflicting demands of teaching, research and administration; and the ability to meet deadlines.	E
6	Excellent written and oral communication skills.	E
7	Experience of presentation of work to the national/international research community at conferences, workshops or seminars.	E for SL
8	International standing in research with track record of achieving grant and research contract awards, leading journal publications and conference participation. Evidence of success in developing innovative research proposals and securing research funding from major funding agencies.	E for SL
9	Evidence of undertaking a senior role in the management of the academic unit.	E for SL
10	A record of successful research income generation either in own name or as a major contributor with evidence of collaborative research success and contributions to the professional community.	D for SL
	<b>Attributes/Behaviours</b>	
1	Excellent collaborative, interpersonal and team-working skills.	E
2	A clear, ambitious yet realistic vision for their research that represents a good fit with the aims of the academic unit and the delivery of research outcomes to a defined timescale.	E

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3	Candidates must demonstrate how they can positively contribute to fostering an inclusive environment.	E
4	Good interpersonal and networking skills and the ability to develop productive links with fellow professionals from other organisations and agencies and to participate in research projects, including those with collaborators outside the School.	E for SL
5	A regular and high quality publication record for the discipline, with peer reviewed publications at international level.	E for SL
6	Evidence of effective management of projects and teams, especially those involving multi-disciplinary teams.	E for SL
7	Ability to engage with and respond enthusiastically and positively to students and to engage counselling skills and pastoral care where appropriate.	E for SL
8	Original thinking and analysis of complex information that has led to the bringing of new insights to the research undertaken.	E for SL
9	Evidence of development and delivery of innovative and effective teaching and learning materials with an interest and an ability to create ideas for course development at undergraduate and postgraduate students.	E for SL

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SAP Position Number:	
Grade:	F/G/H
Effective Date:	07/05/2019