Candidate Information

Position: Lecturer / Lecturer (Education) in Business Analytics
School/Department: Management
Reference: 21/109052
Closing Date: Monday 23 August 2021
Salary: £36,914 - £51,034 per annum.
Anticipated Interview Date: Tuesday 7 September

Job Purpose:

To undertake research in line with the School's research strategy, to teach at undergraduate and postgraduate level in areas embedded in and related to Business Analytics and data science, and to contribute to the School's administration and outreach activity.

Lecturer (Education) in Business Analytics: To design, develop and deliver courses and to teach at undergraduate and postgraduate level in areas embedded in and related to Business Analytics and data science, and to contribute to the School's administration and outreach activity.

Main Activities & Responsibilities

Research (for Lecturer in Business Analytics post only):

1. Develop and contribute to the research strategies of the School and develop a reputation as an expert in own subject area which is clearly related to business analytics and/or data science.
2. Develop and sustain an extensive track record of published research findings by publishing in high quality refereed journals and other outlets, as well as presenting own research at national and international conferences.
3. Develop innovative research proposals and lead and coordinate funding bids.
4. Undertake supervision of doctoral students.
5. Direct, coach and develop research staff, where appropriate.
6. Ensure that research projects are completed on time and within budget.

Research Scholarly Activity (for Lecturer in Education in Business Analytics post only):

1. Engage in scholarly activity, including participate and present at pedagogic conferences, apply for education and outreach type funding, undertake book (and similar) reviews, develop and publish case studies and teaching and professional materials.
2. Develop networking links with relevant professional bodies and the business community to ensure that design and delivery of teaching relating to business analytics reflects best practice.
3. Maintain and develop teaching and subject expertise.

Teaching (both Lecturer and Lecturer in Education posts):

1. Routinely communicate complex and conceptual material to students using high level skills and a range of media (online, face-to-face).
2. Develop and deliver a range of teaching and learning activities specifically relating to Business Analytics and data science and related subjects at both undergraduate and postgraduate levels. This may include, lectures, tutorials, computer based sessions, workshops, interactive online sessions, supervised groupwork etc.
3. Develop and implement an appropriate (and innovative) assessment strategy to assess student performance in specific modules.
4. Contribute, where appropriate, to the delivery and development of the Executive Education portfolio.
5. Supervise Masters level dissertations relating to Business Analytics and data science and related areas.
6. Contribute to the enhancement of the student learning experience, ensuring that course design and delivery draw on the appropriate benchmarks and mirror best practice.

7. Develop and advise others on learning and teaching tasks and methods.

8. Act as internal examiner for undergraduate and postgraduate programmes of study.

Administration/Contribution to Community (both Lecturer and Lecturer in Education posts):

1. Provide pastoral care for students within own area to ensure, as far as practicable, that issues are dealt with in a timely, sympathetic and effective manner.

2. Contribute to the School's outreach strategy by designing or delivering community outreach and engagement programmes and developing external links.

3. Contribute to the development and running of the School and Subject area by taking on an appropriate (and significant) coordinating role. This may include, for example, Advisor of Studies, Exams Liaison Officer, Programme Director etc.

4. Undertake routine School administrative duties, including, programme and module administration, maintaining effective records relating to student performance and attendance, participation at relevant committees, for example, Exams Boards, Staff Voice Committees etc.

Planning & Organising (both Lecturer and Lecturer in Education posts):

1. Plan and set teaching objectives annually and over a 3-5 year period.

2. Plan and manage own teaching, learning and assessment activities in accordance with School and University requirements.

3. Prepare research proposals for submission to external funding bodies.

4. Design and develop new modules and enhance other modules in relevant degree programmes in line with the University and School Education Strategies.

5. Plan and coordinate appropriate student support administration.

And, in addition, for the Lecturer in Business Analytics post:

6. Plan and set research objectives annually and over a 3-5 year period.

Resource Management Responsibilities:

1. Provide academic leadership to those working within programme areas, as programme director, module leader or equivalent, by, for example, co-ordinating the work of others to ensure that courses are delivered effectively or organising the work of a team by agreeing objectives and work plans.

2. Develop and manage staff and resources, in support of major research or scholarly activity, teaching and administrative activities.

Internal & External Relationships:

1. Lead and develop internal networks, for example, by participating in University, Faculty and School committee/s.

2. Lead and develop links with external networks, for example, with external examiners and assessors.

3. Develop links with external contacts such as other educational bodies, national and international business community, and professional bodies to foster collaboration.

Essential Criteria:

1. PhD completed in Management or related field to Business Analytics or Data Science. Candidates who have submitted their thesis but not yet had their viva (or equivalent) will also be considered.

2. Demonstrable ability to publish research publications of international standard in area of specialism, in business analytics or closely aligned subject area.

3. Demonstrate an ability to secure external research income.

4. Evidence of a detailed knowledge of Business Analytics and Data Science.

5. Experience of data management, statistical analysis, data visualisation and/or or machine learning.

6. Demonstrable proficiency in at least one analytics programming language (for example R or Python).

7. Experience of key analytics techniques, including, for example, Supervised and Unsupervised learning, using an analytics programming language.

8. Willingness to learn new business analytics tools.

9. Experience of key data processing (wrangling) and storage tools, in particular a working knowledge of SQL and other storage solutions.

10. Demonstrable ability to develop scholarly activity in area of specialism, in business analytics or closely aligned subject area.

11. Have developed or demonstrate competence to develop a range of networking links with relevant professional bodies and the business community.

12. Evidence of a detailed knowledge of Business Analytics and Data Science.

13. Experience of data management, statistical analysis, data visualisation and/or or machine learning.

14. Demonstrable proficiency in at least one analytics programming language (for example R or Python).

15. Experience of key analytics techniques, including, for example, Supervised and Unsupervised learning, using an analytics programming language.

16. Willingness to learn new business analytics tools.

17. Experience of key data processing (wrangling) and storage tools, in particular a working knowledge of SQL and other storage solutions.

18. Evidence of ability to teach and assess modules and courses in broad based and specific areas relating to business analytics and/or data science.

19. Evidence of appropriate administrative contribution.

20. Ability to advance the research and teaching goals of the School. (For Lecturer in Business Analytics).

21. Ability to strengthen the School's national and international research networks. (For Lecturer in Business Analytics).

22. Ability to advance the educational goals of the School. (For Lecturer (Education) in Business Analytics).

23. Ability to strengthen the School's national and international networks. (For Lecturer (Education) in Business Analytics).

24. Must demonstrate evidence of ability to communicate clearly and effectively to a range of stakeholders, but particularly to students.

25. Ability to provide effective leadership.

26. Evidence of good interpersonal skills and the ability to work both independently and as part of a team.

Desirable Criteria:

1. PhD in Business Analytics or data science.

2. Have undertaken (or currently undertaking) PhD supervision, as primary supervisor or as part of a supervisory team.

3. Experience with using at least one of the following: Business Intelligence tools such as Tableau and Qlik; GUI analytics tools such as KNIME, SAS enterprise miner/Viya, Alteryx, Rapidminer or similar.

4. Working knowledge of analytics areas such as text analytics, geospatial analytics, deep learning.

5. Experience of working with 'big data' or cloud technologies (e.g. Amazon web services).

6. Have already presented at conferences or developed some scholarly work (such as case studies, professional publications etc).

7. Experience with using at least one of the following: Business Intelligence tools such as Tableau and Qlik; GUI analytics tools such as KNIME, SAS enterprise miner/Viya, Alteryx, Rapidminer or similar.

8. Working knowledge of analytics areas such as text analytics, geospatial analytics, deep learning.

9. Experience of working with 'big data' or cloud technologies (e.g. Amazon web services).

10. Ability to deliver modules in Marketing Analytics and/or Data Management.

11. Ability to contribute to and deliver executive education programmes.

12. Ability to contribute to curriculum development and enhancement.