
Position Title:	Lecturer / Senior Lecturer in Business Analytics
Position Classification:	Level B / Level C
Position Number:	309079
Faculty/Office:	UWA Business School
School/Division:	Business School
Centre/Section:	Department of Management & Organisations
Supervisor Title:	Head of Department
Supervisor Position Number:	314544

Your work area

The Department of Management & Organisations is renowned for its research capability in Organisational Behaviour, Human Resources/Employment Relations, International Business & Strategy, and Logistics/Transport & Information Management. It brings together a number of internationally recognized researchers, with a long history of staff holding highly competitive and prestigious Australian Research Council (ARC) Fellowships (Laureate, Future Fellow and Early Career) and Associate Editors for prestigious journals including the *Journal of Applied Psychology*, *Organizational Psychology Review*, *Human Resource Management Journal* and *International Journal of Human Resource Management*.

The Department highly values research and academic scholarship, with particular strengths in areas such as organisational behaviour and leadership; big data; transport policy; choice modelling; global production networks and human resources. We also have a commitment to world class teaching and student experience in undergraduate and postgraduate courses, including the MBA program, and contribute to the supervision of the 100 Higher Degree by Research (mostly Ph.D.) students in the Business School. The Department of Management & Organisations runs a vibrant seminar series that hosts outstanding researchers from around the globe and houses state-of-the-art facilities, including the Rosemarie–Nathanson Financial Markets Trading Room which is used for experimental laboratory research.

The University of Western Australia is ranked amongst the top 100 universities in the world and is a member of the prestigious Australian Group of Eight (Go8) research-intensive universities. UWA Business School is one of the premier schools in the Asia-Pacific region and is fully accredited by AACSB and EQUIS. The Business School has over 100 full-time academic staff, and approximately 5,000 students. Graduates from the School have continued on to become leaders in a variety of industries throughout the world. The Business School is supported by a Board of prominent UWA alumni and leaders in industry and commerce.

The successful candidate for this position will be located in UWA Business School's new Centre for Business Data Analytics. This new multidisciplinary Centre, founded in 2019, aims to be a world-leading centre of excellence in business analytics research and practice.

Reporting structure

Reports to: Head of Department

Your role

As the appointee, you will contribute to research, course management, teaching and service in the area of business analytics within the Centre, Department of Management & Organisations and the wider Business School. The successful applicant will have teaching experience within a higher education environment, specifically within business analytics. A PhD degree or equivalent is essential. We are particularly interested in candidates whose teaching and research interests are summarized by one or several of the following keywords: statistical and machine learning algorithms, artificial intelligence, deep learning, big data, rule-based/hybrid ensembles, predictive and prescriptive modelling, optimization, linear/nonlinear programming, network programming, integer programming, stochastic optimization, web analytics, web scraping, social media analytics, data and process mining, social network analytics, text mining, visual analytics, information and telecommunication technologies, mobile technologies, management information systems, geographical information systems, information modelling, vehicular traffic flow simulation, autonomous vehicles and connected vehicles, vehicle dynamics and control, robotics and unmanned aerial vehicles related to smart cities.

The position is responsible to the Head of Department. You will be expected to make a contribution to research, teaching and service within the Department, Centre for Business Data Analytics, School and University in line with the expectations of Business School academic staff.

Key responsibilities

Demonstrate a commitment to, and achievement in, high quality research as evidenced by publications in world-leading journals and the attraction of research funding;

Demonstrate a commitment to high quality teaching and learning;

Demonstrate a willingness to be involved in professional and administrative activities in the Centre, Department, School and University.

Your specific work capabilities (selection criteria)

For Lecturer (Level B):

Qualifications

PhD or near completion in business analytics or a related field

Research and Scholarship

Demonstrate a strong capacity to undertake research and publish in high quality international peer-reviewed journals;

Demonstrate an ability to attract significant research funding through grants and industry collaborations; and

Show evidence of a willingness to direct and supervise honours and postgraduate research students.

Teaching and Learning

Demonstrate a personal contribution and commitment to high quality teaching.

Service

Within the University: Applicants should demonstrate a willingness to be involved in service and administration in the Centre, Department, School and University.

Outside the University: Where appropriate, applicants should show a willingness to liaise with members of the community, professional and relevant industry bodies.

General

Willingness to work collaboratively with other members of the School.

The successful candidate must be willing to work within the legislative requirements of the University and support the University's commitment to equity.

For Senior Lecturer (Level C):

Qualifications

PhD in business analytics or a related field

Research and Scholarship

- Demonstrate a strong research track record displaying an ability to undertake research and publish in high quality international peer-reviewed journals;
- Demonstrate an ability to attract significant research funding through grants and industry collaborations; and
- Show evidence of a willingness to direct and supervise honours and postgraduate research students.

Teaching and Learning

Provide evidence of commitment to high quality teaching, including the development of curriculum and initiatives in effective learning.

Service

Within the University: Applicants should demonstrate a willingness to be involved in service and administration in the Centre, Department, School and University.

Outside the University: Where appropriate, applicants should show a willingness to liaise with members of the community, professional and relevant industry bodies.

General

- Willingness to work collaboratively with other members of the School.
- The successful candidate must be willing to work within the legislative requirements of the University and support the University's commitment to equity.

Special requirements

N/A

Compliance

Workplace Health and Safety

All supervising staff are required to undertake effective measures to ensure compliance with the Occupational Safety and Health Act 1984 and related University requirements (including Safety, Health and Wellbeing Objectives and Targets).

All staff must comply with requirements of the Occupational Safety and Health Act and all reasonable directives given in relation to health and safety at work, to ensure compliance with University and Legislative health and safety requirements.

Details of the safety obligations can be accessed at <http://www.safety.uwa.edu.au>

Equity and Diversity

All staff members are required to comply with the University's Code of Ethics and Code of Conduct and Equity and Diversity principles. Details of the University policies on these can be accessed at http://www.hr.uwa.edu.au/publications/code_of_ethics, <http://www.equity.uwa.edu.au>