



**Position Title: Associate Professor/ Professor in Mathematical Sciences**

**Position Number: 111673**

### **Role Statement:**

The Assoc. Professor/ Professor of Mathematical Science will be responsible for the overall academic leadership of the mathematical sciences discipline, including the leadership of the Quantitative Consulting Unit (QCU), and will oversee the development of innovative programs in mathematics & statistics that will complement a wide range of academic programs in the business, science, education and arts faculties across the University. The Assoc. Professor/ Professor of Mathematical Science will also be expected to maintain a strong core discipline presence in the mathematical sciences, develop high quality research programs, facilitate collaborative research linkages with other applied research groups, attract research funding and supervise postgraduate students.

### **Selection Criteria**

#### **Essential for appointment as Associate Professor (level D)**

- A doctoral qualification in mathematics or statistics or equivalent accreditation or standing.
- A record of academic achievement of a national and/or international standing through outstanding contributions, including academic leadership, to the scholarship of teaching and/or research or professional activity.
- A strong record of recognition, external linkages, research and publications in some area of mathematical sciences.
- A demonstrated ability to grow research groups through mentoring junior staff and fostering collaboration.
- Demonstrated skills in applied mathematical and/or statistical modelling.
- Experience with collaborative research and consulting.
- A proven ability to develop cross discipline research linkages with other applied research groups.
- High level communication, management and leadership skills.
- Knowledge and interest in teaching innovation and scholarship of teaching and learning in the mathematical sciences.
- Understanding of equal opportunity and occupational health and safety principles.

#### **Desirable**

- Experience with distance education

## **Essential for appointment as Professor (level E)**

- A doctoral qualification in mathematics or statistics or equivalent accreditation or standing.
- A record of academic achievement of a national and/or international standing through distinguished contributions, including academic leadership, to the scholarship of teaching and/or research or professional activity.
- Recognition as a leading authority in the area of mathematical sciences.
- A strong record of recognition, external linkages, research and publications in some area of mathematical sciences.
- Demonstrated skills in applied mathematical and/or statistical modelling.
- A demonstrated ability to grow research groups through mentoring junior staff and fostering collaboration.
- Experience with collaborative research and consulting.
- A proven ability to develop cross discipline research linkages with other applied research groups.
- High level communication, management and leadership skills.
- Knowledge and interest in teaching innovation and scholarship of teaching and learning in the mathematical sciences.
- Understanding of equal opportunity and occupational health and safety principles.

## **Desirable**

- Experience with distance education