



School of Mathematical Sciences

Faculty of Science & Health

Lecturer in Financial Mathematics

(Permanent Contract)

Introduction

The School of Mathematical Sciences in Dublin City University provides undergraduate and post-graduate degree programmes in Actuarial Mathematics, Financial Mathematics, Data Science, Mathematics (BA) and Mathematics Teacher Education as well as providing extensive service mathematics courses across all five Faculties of the university.

The School has a broad research profile in the Mathematical Sciences, with research carried out in several areas including Actuarial Mathematics, Differential and Difference Equations, Differential Geometry, Financial Mathematics, General Relativity, Group Theory, High Performance Computing, Mathematical Physics, Mathematics Education, Numerical Analysis, Quantum Fields in Curved Spacetime, Stochastic Analysis and Theoretical Astrophysics.

For further information on the School of Mathematical Sciences, see:
<http://www.dcu.ie/math/index.shtml>.

Lectureship Positions

The School is seeking to recruit to a position (Lecturer/Lecturer above the Bar) in Financial Mathematics to develop and expand its research and teaching activities in this area. Depending on experience, qualifications and professional track record, the position may be either a 5-year appointment or a permanent position at Lecturer or Lecturer above the Bar level. Appointment at Senior Lecturer level may also be possible for exceptional candidates.

Applicants must hold a PhD in Financial Mathematics or an associated discipline. They must have a record of original high-impact research supported by publications in internationally-leading journals or, depending on their career stage, show exceptional potential and ability in this area. A track-record in securing research grants, including funding for doctoral and post-doctoral fellowships, and recruiting and supervising postgraduate research students is highly desirable. Applications from candidates at an early stage in their post-doctoral career, and who show excellent potential in leading their own research team, are particularly welcome.

Candidates should have experience in, and show a strong commitment to, teaching mathematics at third level. Evidence of this commitment in the form of scholarly work and/or professional development activities will be viewed favourably in the selection process.

Responsibilities

Duties attaching to the post include, but are not restricted to, the following:

Teaching:

The successful candidate will teach at both undergraduate and postgraduate degree levels and will participate in student mentoring and tutoring. They will prepare, deliver and assess a range of modules at both undergraduate and postgraduate levels. Academic staff in the School typically teach an average of five modules per year, and participate in the supervision of final-year and Master's research projects and undergraduate work placements. Teaching remission is given to colleagues undertaking significant administrative duties or with significant research activities. Colleagues also develop new degree programmes and work with other School members in the development of policies and procedures related to programme delivery. The total teaching hours and responsibilities are set down by the Head of School and the Teaching Convenor on an annual basis

Research:

Working as part of the Financial Mathematics group in the School, the successful candidate will establish and develop an independently-funded research programme in this area, including supervision of post-graduate and post-doctoral researchers.

Administration:

The successful candidate will undertake administrative functions related to the activities of the School of Mathematical Sciences and of the Faculty of Science & Health, and in particular, to the School's taught programmes in Financial Mathematics. Such duties are defined by the Head of School and may include chairing degree programmes offered by the School. He/she will participate in meetings related to programmes, liaise with staff from external organizations and attend and participate in other School forums as required. Administrative duties may also include participation in University committees, representation of the School in marketing and recruitment of students, developing relationships with employers, participation in open days, organization of conferences and seminars etc.

Current Salary Scales (2016)

Lecturer (below bar): €37,352 — €51,724

Lecturer (above bar): €50,159 — €76,891

Senior Lecturer: €67,985 — €88,505

- ***Appointment will be commensurate with qualifications and experience***

Closing Date

15th December 2016

Informal Enquiries

For further information, please contact:

Dr Brien Nolan, Head, School of Mathematical Sciences, DCU

E-mail: brien.nolan@dcu.ie, Telephone: +353 (0)1 700 5778

Application Procedure:

Application forms are available from the DCU Current Vacancies (open Competitions) website at <http://www.dcu.ie/hr/vacancies/current.shtml> and also from the Human Resources Department, Dublin City University, Dublin 9. Tel: +353 (0) 1 700 5149.

Applications should be submitted by email by the closing date stated above to hr.applications@dcu.ie or by Fax: +353 (0)1 700 5500 or by post to the Human Resources Department, Dublin City University, Dublin 9

Email: hr.applications@dcu.ie

Please clearly state the role that you are applying for in your application and email subject line: Job Ref #424 Lecturer in Financial Mathematics

Dublin City University is an equal opportunities employer