

Faculty of Science & Health

**SCHOOL OF MATHEMATICAL SCIENCES**

**Lecturer in Actuarial Mathematics (Three year contract)**



**Introduction:**

The School of Mathematical Sciences in Dublin City University is one of the leading providers of actuarial education in Ireland and Great Britain. The School runs a four-year full-time undergraduate degree programme in Actuarial Mathematics, which covers all the Core Technical subjects of the Institute and Faculty of Actuaries. The School also offers a one-year Graduate Certificate in Actuarial Applications, covering the Core Application series of subjects.

The School also has a strong research profile in the associated field of Financial Mathematics. The school houses the Edgeworth Centre for Financial Mathematics and is involved in the strategic research cluster FMC2 with UCD and NUI Maynooth. The School offers a new undergraduate degree in Financial Mathematics and a Masters in Financial and Industrial Mathematics.

For further information on the School of Mathematical Sciences see:

<http://www.dcu.ie/math/index.shtml>

**Lectureship:**

The School is seeking to develop and expand its provision of actuarial and financial mathematics through the appointment, on a three-year basis, of a full-time lecturer in Actuarial Mathematics.

Applicants must hold an honours degree and preferably a postgraduate qualification in a relevant discipline, and must be Fellows of the Institute and Faculty of Actuaries or an equivalent national body. A postgraduate qualification in Actuarial Sciences, Financial Mathematics, Finance or the Mathematical Sciences would be an advantage. Applications from candidates with experience of the actuarial profession and in the teaching of actuarial mathematics at tertiary level, would be particularly welcome.

The successful candidate will be expected to meet clearly defined work goals during the duration of their employment. The key point indicators will evaluate the teaching, research and administrative activities of the lecturer outlined below:

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

**Teaching:** The lecturer will be expected to contribute directly to both undergraduate and postgraduate degree programmes and to student mentoring and tutoring. The lecturer will be required to prepare, deliver and assess actuarial, financial and related modules at both undergraduate and postgraduate

level. In general terms lecturers within the School currently teach an average of two modules per semester. In addition, all academic members of staff participate in the supervision of final year/Masters research projects and undergraduate work placements (INTRA). They may also be required to participate in the development of new degree programmes and to work with other team members in the development of policies and procedures related to programme delivery. The total teaching hours and responsibilities will be defined by the Head of School and the Teaching Convenor.

**Administration:** The lecturer will be required to undertake certain administrative functions related to the activities of the School of Mathematics and Faculty of Science and Health. Such duties will be defined by the Head of School. These duties will include being the chair of at least one of the existing actuarial programmes offered by the School; and liaising with the Institute and Faculty of Actuaries in the UK and the Society of Actuaries in Ireland. The lecturer will be required to attend and participate in meetings related to programmes, liaise with staff from external organisations and attend and participate in other School forums as required. These duties may also include participation in university committees, representation of the School in marketing and recruitment of students, developing relationships with actuarial employers, participation in open days, organization of conferences and seminars etc. The lecturer will also be expected to follow staff development courses provided by the university to develop specific skills, such as computer training, management training, etc.

**Research:** The lecturer is expected to establish and develop an independently-funded research programme in actuarial mathematics. This programme will be aligned with the strategy of both the School and the University and will foster collaboration with other related Schools.

**Informal Enquiries to:**

Professor Eugene O’Riordan, Head of School of Mathematical Sciences, DCU.

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Salary scales:

**Lecturer:** ~~€50,159~~ - ~~€81,403~~ (above bar)

~~€41,502~~ - ~~€51,724~~ (below bar)

*Subject to qualifications and experience.*

These salary scales may be affected by the provisions of the 2011 Budget.

**Closing Date:**

Closing date: **1<sup>st</sup> April 2011**

This post is considered to be essential to the University.

Application forms are available at: [http://www.dcu.ie/vacancies/APPLICATION\\_FORM\\_8pg.doc](http://www.dcu.ie/vacancies/APPLICATION_FORM_8pg.doc)  
**and from the** Human Resources Department, Dublin City University, Dublin 9. Tel: +353 1 700 5149;  
Fax: +353 1 700 5500 Email: [hr.applications@dcu.ie](mailto:hr.applications@dcu.ie)

*Dublin City University is an equal opportunities employer*