



OLLSCOIL NA GAILLIMHÉ
UNIVERSITY OF GALWAY

Lecturer in Financial Mathematics

Permanent, 1 FTE

Contract Type B

Ref #: 011779



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**Lecturer
Contract Type B**

Lecturer in Financial Mathematics

College	Science and Engineering
School	Mathematical and Statistical Sciences
Post Title & Subject Area	Lecturer in Financial Mathematics, Mathematics
Post Duration	Permanent
Level	Lecturer
Reports to	Head of School

JOB ADVERTISEMENT

Applications are invited for an appointment as Lecturer in Financial Mathematics, Contract Type B at University of Galway.

The University of Galway is a publicly funded university and has earned international recognition as a research-led university with a commitment to highest-quality teaching and research. We have a strong international reputation in research in mathematical sciences and in translating this into high quality research-led teaching programmes.

We are seeking to recruit a talented and motivated lecturer for a permanent role involving teaching, supervision, research and other service. The appointee will be expected to:

- Teach and supervise undergraduate and postgraduate students. In particular, they will be expected to teach on our B.Sc. in Financial Mathematics and Economics.
- Carry out original research.
- Apply for external research funding.
- Contribute to the management and development of School's teaching and research missions.

For informal enquiries, please contact **Dr James Cruickshank**, Head of Pure Mathematics, School of Mathematical and Statistical Sciences, Email james.cruickshank@universityofgalway.ie

Additional information on the School is available at:

<https://www.universityofgalway.ie/science/school-of-maths/>

Salary: € 64,903 to €103,538 p.a (applicable to new entrants effective from January, 2011)

This appointment will be made on the Lecturer scale in line with current Government pay policy and in accordance with the terms and conditions of the University's Remuneration policy. [QA321-Updated-PP-Remuneration.pdf \(universityofgalway.ie\)](#)

Information on the University's Strategic Plan is available at: [Strategy | Straitéis 2025-30 - University of Galway](#)

Closing date for receipt of applications is 17:00 (Irish Time) on 25th June 2026. It will not be possible to consider applications received after the closing date.

Garda vetting may apply.

Appointments will be conditional on work authorisation validation.
Further details are available at www.dbei.ie

For more information and Application Form please see website:

[Jobs - University of Galway](#) Applications should be submitted online.

Please see further information on how to apply here: [E-Recruit - University of Galway](#) and [Guidelines for On-line Applications \(universityofgalway.ie\)](#)

Please note that appointment to posts advertised will be dependent upon University approval, together with the terms of the Employment Control Framework for the higher education sector.

At the University of Galway, we celebrate diversity and believe that every candidate can bring unique perspectives, talents and approaches to our University community. We actively encourage

applications from all backgrounds regardless of race, religion, ethnicity, gender, family status, civil status, membership of the Traveller community, sexual orientation, disability or age.

We value flexibility and recognise that a work-life balance is essential. We offer flexible working arrangements, including hybrid options, to accommodate the diverse needs of our staff. Our commitment to inclusivity extends beyond recruitment as we foster a friendly and supportive work environment, where all work styles are valued and respected. Join us in shaping a workplace that thrives on diversity, creativity and collaboration.

University of Galway is an equal opportunities employer.

JOB DESCRIPTION

Principal Duties and Responsibilities

The post-holder duties will include, but not be limited to, the following:

Teaching

To give instruction and supervision, as directed by the Head of School, to students of the University in courses and programmes organised by the School or to which the School contributes to another School or College. Such duties to include curriculum and course design, preparation and delivery of lectures, tutorials, project supervision and general examination and other assessment responsibilities. The post-holder is also required to be available to students for academic counselling and advice. In some disciplines, academic activities may also include laboratory, workshop or clinical instruction, supervision of fieldwork, site visits and other off-campus activities.

- Contribution to the development and delivery of teaching programmes in the School of Mathematical and Statistical Sciences at undergraduate and postgraduate levels
- Provision of effective and versatile teaching in Mathematics, and Financial Mathematics in particular
- Supervision of undergraduate and taught postgraduate research projects
- Contribution to the development and review of the curriculum and programmes delivered by the School
- Assessment of student learning, through formal examinations and other means, and provision of timely and constructive feedback
- Supervision of teaching assistants and tutors

Research

To engage in research and other creative and innovative activity as appropriate to the discipline. The post-holder is required to disseminate their research in academic publications, other outlets as appropriate and to participate in postgraduate supervision. The post-holder is encouraged to engage in initiatives to seek research funding, as appropriate. The post-holder is also encouraged to promote and engage in the development of collaborative research.

- Engagement in research in an area in Mathematics that aligns with the strategic goals of the University and that will strengthen interactions within the School of Mathematical and Statistical Sciences and the University's Research Institutes
- Publication of research work in Mathematics in high quality, peer-reviewed journals and presentation of research at leading conferences in the field

Contribution and Scholarly Activity

To participate in academic administration at School, College and University levels as part of their contribution to the University. To engage with the wider community regionally, nationally and internationally from a civic, economic, social and cultural perspective as a contribution to the life of the University. In representing the University externally, the post-holder is expected to maintain the highest professional standards, thereby enhancing the reputation of the University. The post-holder is expected to engage in scholarly activity such as, but not limited to, refereeing of journals, membership of discipline related advisory bodies and peer review panels and work associated with external examinership.

The post-holder shall carry out these duties under the direction of the Head of the School or of an authorised senior member of the staff of the School.

The post-holder shall be a member of College/Colleges in accordance with University Statutes.

The hours of work are those prescribed under the Public Service Agreement in respect of Academic Staff.

ELIGIBILITY REQUIREMENTS

Essential Requirements:

- A PhD (or equivalent) in Mathematics, Financial Mathematics or a related area.
- An excellent track record of original research, including publications in high quality peer-reviewed publications.
- A strong track record of lecturing at university level, or equivalent.
- A track record of research in Financial Mathematics and/or teaching in Financial Mathematics

Desirable Requirements:

- A substantial research track record in Mathematical Analysis and/or Financial Mathematics. Candidates with a research profile in Probability, Stochastic Analysis, Differential Equations, Functional Analysis, Numerical Analysis or Financial Modelling are particularly welcomed, although other specialisations will also be considered.
- A good fit with the existing research strengths within the school.
- Experience of work in or collaboration with the financial services industry.
- A demonstrated capacity to attract research funding.
- Experience of research supervision.

The appointment will be made to the School of Mathematical and Statistical Sciences and will be associated with the discipline of Mathematics.

**Appendix : Competency Framework for Lecturer (Contract Type B) Roles at
University of Galway**

	Academic Excellence		Leadership Excellence		Organisational Excellence
CORE	<ul style="list-style-type: none"> Excellence in Research <p><i>The Lecturer (Contract Type B) furthers their discipline and contributes to the body of knowledge in their area through planning, carrying out and publishing/ disseminating their own high quality research, building and leading research groups and providing supervision and support for postgraduate students to enable them to produce quality research. They keep up to date with relevant developments in their field and network and collaborate with others, both internally and externally, to optimise the value and relevance of the research being produced and to maximise the School's/Discipline's ability to attract research funding.</i></p>	CORE	<ul style="list-style-type: none"> Personal Effectiveness <p><i>The Lecturer (Contract Type B) is enthusiastic about their discipline and is committed to making their best personal contribution through employing excellent planning and organising, communication and decision making skills to achieve their goals and through working hard and being flexible in order to meet the multiple and changing demands of the Lecturer (Contract Type B) role.</i></p>	CAPACITY TO DEVELOP	<ul style="list-style-type: none"> Strategy & Vision <p><i>The Lecturer (Contract Type B) should contribute to the strategic development of the discipline by developing a strong awareness of the wider environment, how the discipline is developing and how the School/Discipline can develop in the long term to optimise its contribution. He /She must have the ability to make a strong case for the development of new programmes or engaging in joint programmes or collaborations that they feel will add long term value to the School/Discipline.</i></p>
CORE	<ul style="list-style-type: none"> Excellence in Teaching <p><i>The Lecturer (Contract Type B) develops and delivers quality teaching programmes which engage and inspire students at all levels and maximises their learning. They are confident in using a range of teaching techniques, are open to innovations in teaching and are focused on continually developing their own teaching skills.</i></p>	CAPACITY TO DEVELOP	<ul style="list-style-type: none"> Leading Others <p><i>The Lecturer (Contract Type B) must work well with others, providing leadership and direction to students, colleagues and support staff in relation to projects or areas of work that they are leading on. They effectively encourage, support and manage the contributions of others to deliver results for the discipline and to ensure that high standards are met.</i></p>	DEVELOPING	<ul style="list-style-type: none"> Collegiate & Community Contribution <p><i>The Lecturer (Contract Type B) values and engages in a collegiate approach to working with others, within their own discipline, school and university and also within the wider external community. S/he actively seeks to build effective networks and is willing to contribute their time and expertise to a range of broader university wide or community projects.</i></p>

Competencies for Lecturer (Contract Type B) in University of Galway

ACADEMIC EXCELLENCE

Competency 1: Excellence in Research

The Lecturer (Contract Type B) furthers their discipline and contributes to the body of knowledge in their area through planning, carrying out and publishing/ disseminating their own high quality research, building and leading research groups and providing supervision and support for postgraduate students to enable them to produce quality research. They keep up to date with relevant developments in their field and network and collaborate with others, both internally and externally, to optimise the value and relevance of the research being produced and to maximise the School's/Discipline's ability to attract research funding.

- Conducts high quality research that furthers the School / Discipline
- Publishes research frequently in high quality, peer-reviewed journals and presents research at high profile conferences
- Builds up collaborative links and networks with other organisations and keeps up to date with research in own area and what is happening in the international research community
- Goes to relevant conferences, and works with industry and other relevant external bodies to keep research relevant
- Writes strong research and grant proposals which sells the value and potential benefits of a piece of research
- Effectively plans research and can estimate the time and resources required to complete it, and delivers on schedule
- Provides quality supervision and guidance in relation to the research of undergraduate and postgraduate students, motivating and encouraging them to help them overcome problems

Competency 2: Excellence in Teaching

The Lecturer (Contract Type B) develops and delivers quality teaching programmes which engage and inspire students at all levels and maximises their learning. They are confident in using a range of teaching techniques, are open to innovations in teaching and are focused on continually developing their own teaching skills.

- Provides a high standard of teaching to students across a range of programmes in their discipline
- Provides mentoring and supervision to PhD students / projects / programmes as required
- Leads on/contributes to the development and review of the curriculum and programmes delivered and encourages other staff to contribute
- Confident teaching student groups of various sizes and at different levels
- Competent and consistent in setting and organising/co-ordinating the marking of examinations
- Demonstrates, through their teaching, strong enthusiasm for their subject area and a high level of up to date knowledge and expertise in their area

- Competent in a range of teaching methods and strategies and is willing to continually evaluate and develop their teaching methods and skills, looking for better ways of teaching
- Open to using technological innovation as part of their teaching and keeps up-to-date with developments in this area
- Organises and structures their teaching logically to help maximise learning and ensure a good student experience
- Keep students engaged by incorporating research and current topics into teaching and informing their teaching by what is going on in the wider environment and including external input
- Demonstrates a commitment to students and gives the time and effort to engage with, and be accessible to students
- Has the ability to give constructive and timely feedback and advice to students
- Balances a concern for students with a focus on being consistent and equitable in their treatment
- Benchmarks teaching programmes against those in other universities and aims to ensure they are of a high standard
- Works with students to prevent plagiarism, and puts systems in place to detect and manage plagiarism

LEADERSHIP EXCELLENCE

Competency 3: Personal Effectiveness

The Lecturer (Contract Type B) is enthusiastic about their discipline and is committed to making their best personal contribution through employing excellent planning and organising, communication and decision making skills to achieve their goals and through working hard and being flexible in order to meet the multiple and changing demands of the Lecturer (Contract Type B) role.

- Demonstrates excellent planning, organisation and prioritisation skills, to effectively meet deadlines and to deliver to high standards across the areas of teaching, research and administration
- Has good time management skills to manage a heavy workload
- Demonstrates clear commitment and is willing to work hard for the success of their area
- Has a reflective approach to their own work and can consistently review it in order to ensure it is of the highest possible standard
- Active in reviewing systems and processes to maximise the time available for research and teaching
- Flexible and adaptable in managing competing demands while protecting core values
- Shows a strong commitment to keeping up to date and maintaining professional competence
- Is resilient and maintains a positive outlook in a challenging and pressurised environment
- Takes a balanced approach to the demands of the role and is flexible with what the role encompasses
- Understands the importance of budget management and raising programme funds, and can assimilate financial information and report back on financial matters

Competency 4: Leading Others

The Lecturer (Contract Type B) must demonstrate a capacity to develop skills and competence to work well with others, providing leadership and direction to students, colleagues and support staff in relation to projects or areas of work that they are leading on. They effectively encourage, support and manage the contributions of others to deliver results for the discipline and to ensure that high standards are met.

- Works constructively within a collective collegiate structure
- Consistently works with others to ensure high standards in all aspects of the role
- Is able to get the most out of people and to secure their support and cooperation in relation to work they are leading/managing
- Gives clear instructions in relation to the contribution expected from others
- Has the ability to manage and encourage others to deliver what is required
- Actively supports the career development of postgraduate students and newer colleagues
- Organises and delegates work in a way which is consistent and fair and makes best use of resources
- Understands the importance of, and can use a range of strategies to, motivate students and support staff and colleagues
- Takes the initiative to put good ideas into practice

ORGANISATIONAL EXCELLENCE

Competency 5: Collegiate and Community Contribution

The Lecturer (Contract Type B) values and engages in a collegiate approach to working with others, within their own discipline, school and university and also within the wider external community. S/he actively seeks to build effective networks and is willing to contribute their time and expertise to a range of broader university wide or community projects.

- Actively builds strong internal and external networks and collaborative links
- Participates in cross discipline working groups in addition to taking on roles in external institutions/agencies (with the necessary University approval in place)
- Takes time to build up positive working relationships with others and treats everyone fairly and with respect
- Assumes administrative/organisational roles and tasks to help ensure the smooth running of the School/Discipline
- Acts as chair on committees or acting or as representative at school/college/university level and works to develop the skills needed to perform these roles effectively
- Makes an effort to understand and take account of different people's views and perspectives
- Contributes outside the university to different committees, the local community, and voluntary organisations
- Encourages students to get involved in relevant external groups also, where appropriate

- Supports colleagues internally and with other universities in initiating collaborative enterprises/programmes
- Possess the negotiation skills required to achieve a balance between the university's academic requirements with potentially competing requirements of external bodies

Competency 6: Strategy and Vision

The Lecturer (Contract Type B) should demonstrate a capacity to develop skills and competence to contribute to the strategic development of the discipline by developing a strong awareness of the wider environment, how the discipline is developing and how the School/Discipline can develop in the long term to optimise its contribution. He /She must have the ability to make a strong case for the development of new programmes or engaging in joint programmes or collaborations that they feel will add long term value to the School/Discipline.

- Has a clear overall vision for what the School/Discipline is trying to achieve and how their work fits in with the overall direction
- Understands how the discipline is developing and brings this to bear on their work
- Uses initiative to benchmark against other organisations and takes other opportunities to increase understanding of best practice across the system
- Knows what research is being done within their area and what type of research will attract funding from which sources
- Identifies opportunities for new modules and programmes by assessing what will be viable and of interest in the long term
- Uses judgement to build and sell a persuasive case for resources/new programmes on behalf of their area/college
- Creates, and takes advantage of, opportunities to market programmes to attract high quality postgraduate students
- Able to negotiate for an area while recognising the realities and the resource restrictions and is willing to change and adapt to meet future needs