JOB DESCRIPTION

Job Title:	LECTURER (L) in Mathematical Sciences	Grade:	AC2
Department:	School of Computing and Mathematical Sciences	Date of Job Evaluation:	October 2018
Role reports to:	Head of School		
Direct Reports	Head of School, Programme Leaders		
Indirect Reports:	Module Leaders		
Other Key contacts:	Students, academic and administrative colleagues		
This role profile is non-contractual and provided for guidance. It will be updated and amended from time to time in accordance with the changing needs of the University and the requirements of the job.			

PURPOSE OF ROLE:

To conduct high quality research and teaching on undergraduate and postgraduate programmes in the area of Mathematical Sciences. The role will focus on delivering high quality education in a variety of formats as well as research and enterprise activities. The person appointed will be expected to:

- Contribute to the delivery of existing teaching, course development, and to participate in the research carried out in the School;

- Contribute more widely to the design and delivery of teaching activities, reflecting the successfully candidate's own subject specialism appropriate for the needs of a diverse student body, across the range of modules offered by the School;

- Engage in research and professional practice across the subject area and contribute to the research profile of the School and to the next REF submission of the School.

KEY ACCOUNTABILITIES:

Team Specific:

- Contribute to the delivery of high quality, innovative and effective teaching and new teaching initiatives, including inclusive approaches to setting and marking assessment

- Work proactively on specific research topics aligned to your own and the School's research interests

- Lead on personal and academic tutoring of undergraduates

- Lead and support others in the design and development of new modules demonstrating excellent curriculum design

- Contribute to curriculum development within the School in line with sector benchmarks

- Contribute to subject, professional and/or pedagogical research leading to the publication and/or dissemination of original work

- Contribute to the research profile of the academic unit and to the REF submission of research groups within the School

- Contribute to the development of funding bids which contribute to the acquisition of internal and external resources to fund research, enterprise or teaching projects

- Contribute to the continuous improvement of the student experience and lead modules effectively including adopting a responsive approach to students

- Effective cross working with Professional Services to support students

- Contribute to relationship management and engagement with key external bodies for teaching at a regional and national level, the national or regional public/cultural sectors/business, industry/professional bodies in relation to teaching, research or enterprise

- Maintain effective, high quality and productive working relationships with professional bodies and employers

- Supervise undergraduate and postgraduate students' research projects, dissertations and placements

- Work with other academics and the administrative teams to deliver excellent student care and support student success and employability

- Contribute to the general academic administrative work of the School and Faculty

Generic:

- Assist the Mathematical Sciences and Computing teams in achieving the School's KPIs

- Contribute to School plans, activities and efficient working practices

- Participate in recruitment activities, Open Days or visits to schools, local community groups, public engagements and related activity to represent the School

- Demonstrate a commitment to equality, diversity and inclusion through teaching practice and / or engagement with University initiatives

- Contribute to peer review and School based teaching development activities

- Promote your work and represent your discipline and the work of the University internally and externally, and take a proactive approach to ethical, good practice.

Managing Self

- Develop expertise in inquiry/research-informed teaching with an increasing degree of autonomy

- Keep abreast of developments within the field and seek continuous improvement of own professional practice

- Actively participate in established professional development framework activities

- Behave in a manner which reflects the University values and creates a positive environment for work and study

- Maintain a high standard of student engagement and satisfaction

- Seek to maximise the learning outcomes of students

Core Requirements

- Adhere to and promote the University's policies on Equality and Diversity and Information Security; ensure compliance with Health & Safety regulations
- Support and promote the University's Sustainability policies, including the Carbon Management Plan, and carry out duties in a resource efficient way, recognising the shared responsibility of minimising the university's negative environmental impacts wherever possible.

Additional Requirements:

Any other duties commensurate with the post and grade as agreed with the Head of School and the PVC of the Faculty.

KEY PERFORMANCE INDICATORS:
Performance Indicators will be established in consultation with the Head of School as part of the post-holder's annual Appraisal and Professional Development Review

KEY RELATIONSHIPS (Internal & External):
Head of School
Deputy Head of School
Programme Leaders
Academic colleagues
Employers and practitioners
Current Students and Prospective Students
School Administration team
Research community in area of subject specialism
Teaching community in areas of best practice

PERSON SPECIFICATION	
Essential	**Desirable**
Experience	**Experience**
• Delivery of teaching at undergraduate and/or postgraduate level in fields within Mathematical Sciences • Teaching on undergraduate or postgraduate programmes in Mathematical Sciences using high quality, innovative and effective teaching approaches • Leading modules effectively including adopting a responsive approach to students • Leading and contributing to subject, professional and/or pedagogical research and other scholarly activities in the field of Mathematical Sciences • Student care and pastoral provision	• Postgraduate supervision • Creating professional/community partnerships • Ability to teach across disciplines • Designing and leading significant teaching and assessment activity • High quality publications • Initiating the development of Research bids • Academic administration
Skills	**Skills**
• Broad knowledge of Mathematical Sciences with specialist knowledge of at least one of Financial Mathematics, Statistics, Operational Research • Sufficient breadth and depth of specialist knowledge to develop teaching and research programmes in a selection areas in Mathematical Sciences, to include at least one of Financial Mathematics, Statistics, Operational Research • Ability to engage with and respond to student feedback • Knowledge of specialist mathematical software • Outstanding organisational, IT communication and interpersonal skills.	• Curriculum development in Financial Mathematics, Statistics and/or Operational Research • Individual and /or collaborative income generation • Application for research funding and other bids • Individual and/or collaborative bids/consultancy work • Knowledge of some other related areas in Mathematical Sciences e.g. Data Science
Qualifications	**Qualifications**
• A good honours degree in a Mathematical Sciences subject and	• Teaching qualification (e.g. PGCert HE)

a PhD in a Mathematical Sciences subject preferably incorporating a substantial component of Financial Mathematics, Statistics and/or Operational Research	• Fellowship of the Higher Education Academy
Personal attributes • We are looking for people who can help us deliver the [values](#) of the University of Greenwich: Excellence, Determination, Inclusivity, Ambition and Creativity	**Personal attributes** • N/A