

<b>Post Details</b>		<b>Last Updated: 09/04/2025</b>	
<b>Faculty/Administrative/Service Department:</b>	School of Sustainability, Civil & Environmental Engineering		
<b>Job Title:</b>	Lecturer (A) in Foundation Year Mathematics (Teaching Track)		
<b>Job Family &amp; Job Level</b>	Research and Teaching	4	
<b>Responsible to:</b>	Head of Department or Faculty		
<b>Responsible for:</b>	Not applicable		
<b>Job Summary and Purpose</b>			
<p>To have significant input to the teaching at undergraduate and postgraduate level.</p> <p>To participate in appropriate level of Faculty/Department management and administration.</p> <p>Duties may be carried out with the guidance of a mentor, if required.</p>			
<b>Main Responsibilities and Activities</b>			
<b>Teaching delivery and development:</b>			
<p>Assist in developing teaching methods, materials and technologies to enhance the student learning experience.</p> <p>Assist in curriculum and course innovation and the design of programmes, sharing and contributing to responsibility for the quality of the delivery of these programmes.</p> <p>Plan, deliver and critically review a range of teaching and assessment activities including lectures.</p> <p>Assist in the development of innovative and relevant teaching, learning and assessment techniques.</p> <p>Act as tutor for industrial/ professional training year students and students in professional practice in subject specialism.</p> <p>Set and mark programme work, practical sessions, supervisions, fieldwork and examinations in subject specialism and provide timely and appropriate feedback.</p> <p>Continually update subject knowledge and understanding and apply advances to programme development.</p> <p>Maintain and develop professional expertise and registration requirements with appropriate professional body under the guidance of a senior colleague where appropriate.</p>			
<b>Student pastoral care</b>			
<p>Develop and use pastoral care skills to support the academic development of students and ensure a good student experience.</p> <p>Act as personal tutor and give first line support before referring students on to appropriate services.</p>			
<b>Management and administration</b>			
<p>Take on specific roles such as Library Representative or Year Tutor which contribute to the efficient management and administration of the Faculty/Department.</p> <p>Grow personal involvement with academic, professional or clinical networks in the discipline.</p>			

### **Person Specification**

Post holder must possess an honours degree or appropriate equivalent professional qualification or be working towards a higher degree or equivalent higher professional qualification as appropriate. Post holder to demonstrate:

- Evidence of teaching and presentational skills or the potential to acquire these.
- Evidence of administrative/organisational skills or the potential to acquire these.
- Evidence of familiarity with current developments in the relevant discipline or profession.

A Teaching Qualification e.g. Postgraduate Certificate in Learning and Teaching in HE or equivalent is desirable, if such a qualification has not been attained the candidate will be expected to complete the University Graduate Certificate by the end of their first year of employment with the University.

### **Relationships and Contacts**

Participate in Faculty committees relevant to teaching, learning and administrative duties, e.g. Faculty Board of Studies and Examination Board. Teaching and administrative duties will be allocated by the Head of Faculty/Department, within the context of the programmes agreed by the Faculty Learning and Teaching Committee or similar body.

### **Special Requirements**

The post holder is expected to work outside normal office hours as necessary.

The post holder will be expected to contribute to programme development, refreshing and assessment activities throughout the academic year, including times when students are not on campus.

If it is agreed by the line manager that the post holder will be carrying out research, time will be identified to enable this to take place and appraisal targets will be set accordingly.

### **All Staff are expected to:**

Positively support equality of opportunity and equity of treatment to colleagues and students in accordance with the University's Equal Opportunities Policy.

Undertake such other duties within the scope of the post as may be requested by your Manager.

Help maintain a safe working environment:

- Attend required Health and Safety training as part of probation and induction and as duties and techniques change.
- Follow local codes of safe working practices and University Health and Safety Policy

### Addendum

This document provides additional information relating to both specific aspects of the post/faculty and any post specific person specification criteria. The information contained within this document should always be read in conjunction with the accompanying generic Job Purpose.

<b>Job Title:</b>	Lecturer A (Teaching Track) Mathematics Foundation Year Programmes
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### Background Information/Relationships

This position will involve teaching predominantly on Mathematics modules on the Foundation Year Programmes in the Faculty of Engineering & Physical Sciences. You will be teaching up to the equivalent of A-level Further Mathematics. Teaching will be delivered in large lectures (200+ students) and smaller group tutorials as well as ad hoc student support on an individual basis.

Reporting to the Senior Programme Lead you will be supported by a small and collegiate team of experienced university teaching track lecturers.

### Person Specification

This section describes the sum total of knowledge, experience & competence required by the post holder that is necessary for standard acceptable performance in carrying out this role. This is in addition to the criteria contained within the accompanying generic Job Purpose.

#### Qualifications and Professional Memberships

**Essential/  
Desirable**

A degree in Mathematics or a STEM subject with substantial mathematical content.	E
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A teaching qualification such as PGCE/QTS or an FE/HE equivalent.	D
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Membership of a professional body such as the Institute of Mathematics & its Applications.	D
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A Postgraduate Degree.	D
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#### Competencies

Excellent verbal and written communication skills	E
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Experience of using educational management tools and VLE.	E
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Experience of providing effective pastoral support to students.	E
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Able to work autonomously as well as being a strong team player.	E
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Experience of delivering an excellent educational experience to a diverse body of students.	E
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Experience of developing high quality learning resources, curriculum design, evaluation and maintenance.	E
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At least two years continuous experience of teaching Further Mathematics (or an equivalent level.)	E
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Familiarity with developing assessments, marking and moderation processes.	D
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Able to offer a second STEM subject (Computing, Physics, Chemistry, Laboratory practical.)	D
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Experience of working in outreach or other external engagement activities.	D
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Experience of working with foundation level students in a university environment.	D
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### Key Responsibilities

This document is not designed to be a list of all tasks undertaken but an outline record of any faculty/post specific responsibilities. This should be read in conjunction with those contained within the accompanying generic Job Purpose.

1. To deliver a high-quality Mathematics education experience to Foundation Year students.
2. To provide support to Foundation Year colleagues in another STEM area depending on expertise, e.g. in Science Laboratories, Computing, Physics or Chemistry.
3. To manage and support a group of personal tutees.
4. To be involved in routine feedback and evaluation processes such as Module Evaluations and Board of Studies.
5. To participate in annual appraisals following successful completion of a probationary period.
6. To support wider activities of our teaching team within the institutional context such as attending offer holder days and open days.
7. To carry out routine daily administrative tasks such as responding to emails from students and colleagues and maintaining your module pages on the VLE.
8. To carry out other important tasks as may reasonably be requested by the Programme Leads.
9. Carry out all duties responsibly in accordance with University Health and Safety Regulations, EDI and other university policies.

**N.B. The above list is not exhaustive.**