



Job Title	Associate Professor in Applied Mathematics/Statistics
School/Department	Department of Mathematical Sciences
Job Level	UNNC Scale B Level 6
Job Family	Research and Teaching
Contract Status/ Appointment Duration	This post is available from September 2024 and will initially be offered on a fixed-term contract with the University of Nottingham Ningbo China for a period of up to five years. This contract may be extended on an indefinite basis by mutual agreement.
Location	University of Nottingham Ningbo China
Hours of Work	Irregular working hours
Responsible to	Head of Department of Mathematical Sciences

Purpose of role:

To deliver mathematics/statistics modules and contribute to curriculum development. To supervise postgraduate research students. To conduct their own research activities and to play a leading role in the research activities of the Department. To display genuine passion and enthusiasm for scholarship, and foster academic leadership. To build a strong recognized research programme contributing to the existing research groups within the Faculty. To plan and lead the delivery of cutting-edge programmes within the Department.

	Main responsibilities (Primary accountabilities and responsibilities expected to fulfil the role)	% time per year
1	Teaching <ul style="list-style-type: none"> To teach modules offered by the Department of Mathematical Sciences. To participate in the assessments for initial and higher degrees and diplomas of the University and to act as invigilator in such examinations as required. To contribute to course and curriculum development and design, including course management, where appropriate. To maintain records and materials in support of teaching activities. To support and comply with the University's teaching quality assurance standards and procedures. To undertake undergraduate final year project supervision. 	40
2	Research <ul style="list-style-type: none"> To undertake ongoing original research in an appropriate area. To publish research in top-level peer-reviewed journals. To play a leading role in the research activities of the Department. To seek external research funding. To produce research suitable for dissemination at conferences, workshops and seminars (both national and international). To forge collaborative research links within and outside the University. 	40

	<ul style="list-style-type: none"> To encourage and work with other members of Faculty on joint research activities, including research seminars, grants, and papers. To help create an atmosphere which is conducive to good research. To undertake student research supervision. 	
3	<p>Administration</p> <ul style="list-style-type: none"> To undertake administrative work/management functions if required and to generally assist with the efficient and effective completion of the work of Faculty and of UNNC. This may include membership of relevant committees and working groups or even taking on leadership roles. To liaise, as appropriate, with academic and administrative colleagues at the University of Nottingham, UK, and the University of Nottingham, Malaysia. To act as a personal tutor for undergraduates. To take part in and contribute to staff development activities consistent with continuous professional development. To ensure compliance with health and safety requirements in all aspects of work. To participate in training and staff development events as trainer or trainee as appropriate. To maintain appropriate professional development, expertise and awareness. Any other duties appropriate to the post. 	20

Person specification

	Essential	Desirable
Qualifications, certification and training (relevant to role)	<ul style="list-style-type: none"> PhD in a relevant discipline. 	<ul style="list-style-type: none"> Higher Education teaching qualification or equivalent. Membership of relevant professional bodies.
Skills	<ul style="list-style-type: none"> Evidence of ability to produce high quality research in the field of applied mathematics or statistics; Excellent communication and presentation skills in English; Proven ability to provide effective leadership and management of groups and teaching activities; Proven ability with demonstrated success in obtaining funding and delivering research results; High analytical ability to facilitate conceptual thinking, innovation and creativity. 	<ul style="list-style-type: none"> Team leadership skills; Administrative skills; Course Management Skills; Curriculum Management Skills.
Knowledge and experience	<ul style="list-style-type: none"> Extensive experience of teaching relevant subjects at degree level in an international institution; Extensive track record of high-quality published applied mathematics or statistics research; 	<ul style="list-style-type: none"> Proven record of leading research projects; Experience of masters student supervision; Participation in academic networks; Relevant industrial experience; Experience of pastoral support role; Experience excelling at teaching;

	<ul style="list-style-type: none"> ▪ An established and growing reputation in the field of Applied Mathematics or Statistics; ▪ Experience of PhD student supervision; ▪ Currently hold a senior lecturer/reader/associate professor rank or have at least five years of experience at lecturer/assistant professor rank. 	<ul style="list-style-type: none"> ▪ Experience in different phases of executive education.
<p>Personal Attributes</p>	<ul style="list-style-type: none"> ▪ A strong team player who works collaboratively in a multidisciplinary environment; ▪ Ability and motivation to lead an independent successful research programme and flexibility to collaborate with colleagues; ▪ Ability to complete administrative duties effectively to required deadlines. 	<ul style="list-style-type: none"> ▪ Empathy with students from many different cultures and a strong desire to work in a multi-cultural environment.

Expectations and behaviours

The University has developed a clear set of core expectations and behaviours that our people should be demonstrating in their work, and as ambassadors of the University's strategy, vision and values. The following are essential to the role:

- Valuing people** Understands that it is essential to provide a structure that people can thrive in. Knows how to communicate with people to create a healthy working environment and get the best out of people.
- Taking ownership** Communicates vision clearly, providing direction and focus. Knows how to create a productive environment where people are inspired and can work cross-departmentally in partnership.
- Forward thinking** Has the ambition to be a pioneer in own area, anticipating the future change, needs and challenges. Knows how to innovate within their work context and champions others to be inspired to be part of this ambition.
- Professional pride** Keeps up to date on latest thinking, trends and work practices. Supports team to be thought leaders; willing to challenge if obstacles get in the way.
- Always inclusive** Establishes far reaching partnerships, well beyond own area across a broad range of networks. Understand role to pay due regard to the needs of the whole community.

Key relationships with others

