



Job title	Assistant Professor in Plant Biotechnology (Virology)	Job family and level	Research and Teaching Level 5 Extended
School/ Department	Biosciences/ Plant and Crop Sciences	Location	Sutton Bonington Campus

Purpose of role

The role is to advance research and support teaching in Plant and Crop Sciences (PCS) within the School of Biosciences. The appointment would be based in PCS and would contribute teaching to UG courses in Plant Sciences, Agricultural Science, and Biotechnology. They will be expected to develop externally funded research and deliver modular teaching in the area of plant pathology (viral) and plant biotechnology.

	Main responsibilities	% time per year
1	<p>Research:</p> <ul style="list-style-type: none"> To undertake original research in an area of plant virology or the use of plant viral systems in biotechnology. To publish research in international peer-reviewed journals suitable for submission to the Research Excellence Framework. To develop and manage a sustained portfolio of externally funded research (RCUK and/or industrial). To produce research suitable for dissemination to conferences, workshops and meetings (both national and international). To forge collaborations within and outside the University as appropriate. To encourage and work with other members of the Division/School/University on joint research activities, including research seminars. To undertake research student supervision as required. To contribute fully to School research activities, including the provision of information required for the REF or similar activities. 	45%
2	<p>Teaching</p> <ul style="list-style-type: none"> To prepare and deliver lectures, seminars/tutorials and practical classes at undergraduate and postgraduate levels, with specific focus on plant pathology and plant biotechnology. To supervise undergraduate and postgraduate project students To participate in assessments for undergraduate and higher degrees and diplomas of the University. To contribute to course and curriculum development and design, including course management (where appropriate). 	45%

	<ul style="list-style-type: none"> • To act as a personal tutor for both undergraduate and postgraduate students as required. • To support and comply with the University and School teaching quality assurance standards and procedures, including the provision of such information as may be required for quality assurance and TEF. 	
3	<p>Administration:</p> <ul style="list-style-type: none"> • To undertake administrative work/management functions and generally to assist with efficient and effective completion of the work of the School and the University. This may include participation in relevant committees and working groups. • To contribute to open days/visit days for recruitment to relevant School of Biosciences degree courses. • 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. • Any other duties appropriate to the grade and role of the person appointed 	10%

Person specification

	Essential	Desirable
Skills	<ul style="list-style-type: none"> • Proven ability to produce high quality research outputs in Plant Virology or Plant Biotechnology suitable for submission to the Research Excellence Framework • Ability to carry out an independent research programme. • Excellent English language oral and written communication and presentation skills. 	<ul style="list-style-type: none"> • Proven ability to teach at undergraduate and postgraduate levels in relevant subjects.
Knowledge and experience	<ul style="list-style-type: none"> • Evidence of high-quality publications in academic journals in Plant Virology or Plant Biotechnology related to Biotechnology. • An excellent understanding of the current and future challenges facing UK and global agriculture. 	<ul style="list-style-type: none"> • Contribution to the delivery and/or administration of modular teaching at HE level. • Participation in successful supervision of higher degree students. • Research or other experience that includes the study of pathogenic crop viruses. • Evidence of successful collaborative research with funding bodies or industry partners
Qualifications, certification and training (relevant to role)	<ul style="list-style-type: none"> • PhD in Plant Virology/Pathology, Engineering Plant Viruses, Plant Biotechnology or a closely related discipline. 	Postgraduate qualification in teaching (or equivalent), or evidence of working towards
Other skills	<ul style="list-style-type: none"> • Ability and commitment to work positively and inclusively across multiple teams • Ability to work to deadlines and prioritise tasks • Ability to develop own research area and flexibility to collaborate with colleagues 	



The University strongly endorses Athena SWAN principles, with commitment from all levels of the organisation in furthering women's careers. It is our mission to ensure equal opportunity, best working practices and fair policies for all.

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

