



THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA

POSITION DESCRIPTION

Position Title:	Lecturer / Senior Lecturer in Crop Protection
Organisation Unit:	School of Agriculture and Food Sciences
Position Number:	TBA
Type of Employment:	Fulltime, continuing.
Classification:	Academic Level B or C
Location:	Gatton Campus

THE UNIVERSITY OF QUEENSLAND

The University of Queensland (UQ) contributes positively to society by engaging in the creation, preservation, transfer and application of knowledge. UQ helps shape the future by bringing together and developing leaders in their fields to inspire the next generation and to advance ideas that benefit the world. UQ strives for the personal and professional success of its students, staff and alumni. For more than a century, we have educated and worked with outstanding people to deliver **knowledge leadership for a better world**.

UQ ranks well within the top 100 universities worldwide, measured through a number of major independent university rankings: the Academic Ranking of World Universities, Times Higher Education World University Rankings, US News Best Global Universities Rankings, QS World University Rankings and Performance Ranking of Scientific Papers for World Universities, and is indeed in the top 50 in some of these rankings. In 2013, UQ attracted more Australian Research Council funding than any other Australian university or research body.

UQ has an outstanding reputation for the quality of its teachers, its educational programs and employment outcomes for its students. Our students remain at the heart of what we do. The UQ experience –the *UQ Advantage* – is distinguished by a research enriched curriculum, international collaborations, industry engagement and opportunities that nurture and develop future leaders. UQ has a strong focus on teaching excellence, winning more Australian Teaching and Learning Council Awards for Teaching Excellence than any other in the country and attracting the majority of Queensland's highest academic achievers, as well as top interstate and overseas students.

UQ is one of Australia's Group of Eight, and a founding member of Universitas 21, an international consortium of leading research-intensive universities. UQ is also the largest university in Queensland.

Our 50,000-plus strong student community includes more than 13,000 postgraduate scholars and more than 12,000 international students from 144 countries, adding to its proud 215,000-plus alumni. The University has more than 7,000 academic and professional staff and a \$1.6 billion annual operating budget. Its major campuses are at St Lucia, Gatton and Herston, in addition to teaching and research sites around Queensland and Brisbane city. The University has six Faculties and four University-level Institutes. The Institutes, funded by government and industry grants, philanthropy and commercialisation activities, have built scale and focus in

research areas in neuroscience, biomolecular and biomedical sciences, sustainable minerals, bioengineering and nanotechnology, as well as social science research.

Organisational Environment

The [School of Agriculture and Food Sciences](#) is one of the largest Schools of this type in Australia, comprising research and teaching experts in plant and soil science, animal science, agricultural business, environmental science and food, nutrition and technology. With nearly 300 staff, 350 higher degree research students and over \$35 million in operating and research income, the School has helped UQ to become recognised as one of the top 20 universities in the world for Agricultural Sciences, and the leading agriculture university in Australia.

Located at St Lucia and Gatton, the School is a large and dynamic multidisciplinary hub focused on applied research and teaching within the Faculty of Science committed to finding innovative and technology focused solutions to global challenges. The School offers a range of undergraduate and postgraduate coursework and research degrees encompassing agriculture and related disciplines ranging from Bachelor Degree to Doctorate. Quality laboratories and facilities and strong partnerships with industry, community and government bodies, provide an environment that enables world class research and research training.

Further information on the School's teaching programs, research focuses and community activities can be accessed at www.uq.edu.au/agriculture. Faculty of Science information covering 7 Schools and 19 Centres is available at <http://www.uq.edu.au/science> and information on the Queensland Alliance for Agriculture and Food Innovation – a joint initiative between The University of Queensland and the Queensland State Government, which the School is closely aligned with, is available at www.qaafi.uq.edu.au.

Information for Prospective Staff

Information about life at UQ including staff benefits, relocation and UQ campuses is available at - <http://www.uq.edu.au/current-staff/working-at-uq>

The University of Queensland [Enterprise Agreement](#) outlines the position classification standards for Levels A to E.

DUTY STATEMENT

Primary Purpose of Position

The position of Lecturer / Senior Lecturer in Crop Protection is responsible for undertaking undergraduate and postgraduate teaching including course coordination and program development; Higher Degree Research (HDR) student supervision; research; and professional activities in the field of Horticultural and Agricultural Crop Protection at the Gatton Campus.

Position environment

SAFS is research intensive and has the second highest number of research higher degree students at UQ. Recent appointments to the school in Agronomy, Crop Physiology and Pasture Science have strengthened the plant science team in SAFS. We now seek to appoint a Crop Protection academic to join this team and extend our capacity to provide both undergraduate and postgraduate students with an understanding of crop science in the context of our changing agricultural environment.

The requirements of the Crop Protection position cover learning, discovery and engagement. The teaching includes contributions to introductory courses in plant biology and microbiology, and to more advanced courses in all aspect of plant production shared among the Horticulture / Agronomy / Crop Physiology staff. Coordination of courses specifically dealing with Integrated Crop Management and Crop Protection are a key responsibility. The appointee will be expected to contribute to the national and international research profile of the School, and will be expected to supervise research students, establish a research program, and obtain external grant funding. Expected outcomes include solutions to real-world problems, publications in high quality peer-reviewed journals, and research higher degree graduates. The Crop Protection academic would be expected to lead some of these projects and play a supporting role in others. Engagement and service activities would also be required.

Duties

Duties and responsibilities include, but are not limited to:

Teaching and Learning

- Coordinate courses, prepare and deliver lectures, tutorials and practicals, and undertake assessment and marking for undergraduate and postgraduate courses on topics in plant sciences and Crop Protection / Integrated Crop Management, Crop Health, by both internal and external delivery modes.
- Initiate the development of new course material, applying research and scholarship. Participate in educational practice and innovative curriculum design including online learning and alternative teaching methods. Maintain and improve the quality of courses as measured through evaluation instruments to meet industry and educational standards.
- Participate in program and course development activities in the School, including consulting with program advisors and stakeholders to ensure courses are engaging, relevant and contemporary.
- Understand and apply University Rules relevant to teaching and learning practice.
- Teach and supervise research honours and postgraduate students.
- Provide high quality service to students, including academic counselling and advice.
- Provide support to other academic positions as needed and during absences.

Research

- Develop a research program commensurate with an area of expertise in the School of Agriculture and Food Sciences to capitalise on the existing relationships with QAAFI, DAF and the industry Research and Development Corporations.
- Conduct research and publish scholarly papers in both academic peer-reviewed and professional journals that contribute to the School's strategic research strengths.
- Develop a research profile of national and international standing that is funded by external granting agencies.
- Work with colleagues and postgraduates in the development and conduct of joint research projects, especially projects that are interdisciplinary and contribute to the strategic direction of the School to expand its research in Horticultural and Field Crop science.

Service and Engagement

- Create, foster and enhance national and international links with relevant industry, government departments, universities, professional bodies and the wider community to assist the advancement of University, Faculty and School strategic objectives.
- Actively contribute to engagement events and activities to promote the disciplines of the School, Faculty and University. Participate in School seminar programs and broader educational activities.

Other

Ensure you are aware of and comply with legislation and University policy relevant to the duties undertaken, including:

- the [University's Code of Conduct](#).
- requirements of the Queensland occupational health and safety (OH&S) legislation and related [OH&S responsibilities and procedures](#) developed by the University or School of Agriculture and Food Sciences.
- the adoption sustainable practices in all work activities and compliance with associated legislation and related University [sustainability responsibilities and procedures](#).
- requirements of the Education Services for Overseas Students Act 2000, the National Code 2007 and associated legislation, and related [responsibilities and procedures](#) developed by the University.
- Any other duties as reasonably directed by your supervisor.

Organisational Relationships

These positions report to the Head of School of Agriculture and Food Sciences. Performance appraisal will be by a senior academic as directed by the Head of School.

SELECTION CRITERIA

Essential

- A PhD in Plant Pathology, Microbial Ecology or a related field. Skills in plant pathology and/or microbial ecology are essential.
- Capability and interest to develop and teach innovative courses in a variety of formats in Crop Protection into our Horticulture, Agronomy and Agricultural Science programs.
- Experience in developing proposals & competing for research funding and delivering high quality Crop Protection research and/or consultancy outputs.
- Ability to supervise Honours, Coursework Masters and Higher Degree Research (HDR) students.
- Ability to establish effective relationships with and promote UQ to industry, government, professional bodies and the wider community.
- Evidence of high quality publication track record in scholarly journals or equivalent professional publications commensurate with the level of appointment.
- Evidence of well developed, or the potential to develop, industry, research and/or government networks.
- High level of effective communication and interpersonal skills.

Desirable

- Ability to lead, or work in, cross-disciplinary teams.
- Demonstrated teaching skills at undergraduate and postgraduate levels, including knowledge of alternative modes of teaching.
- Experience with Horticultural and Field Crop production systems.

Seminar

Applicants invited for interview will be expected to present a seminar in conjunction with the selection interview process.

Qualification Verification

An appointment to this position is subject to the verification of the highest academic qualification from the conferring institution.

The University of Queensland is committed to equity, diversity and inclusion.

Employment opportunities are not limited by race, ethnicity, religion, disability, age, sexuality, gender or other protected attributes. Applications are encouraged from Aboriginal and Torres Strait Islander peoples. For further information please contact our Indigenous Employment Coordinator at: atsi_recruitment@uq.edu.au