POSITION DESCRIPTION

Position Title: Lecturer/Senior Lecturer (Teaching Focussed, two positions)
Organisation Unit: School of Mathematics and Physics
Position Number: TBC
Type of Employment: Full Time, Fixed Term for 3 years
Classification: Teaching-focussed Academic Level B/C

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 national teaching excellence awards 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

UQ’s Faculty of Science is one of the largest Science groupings in Australia, with approximately 1100 (equivalent full-time) staff, and about 7500 (equivalent full-time) students. The Faculty encompasses the disciplines of agriculture, biological sciences, chemistry, earth sciences, food sciences, geography, mathematics, physics, planning, and veterinary science. The Faculty’s disciplines have a leading international reputation in both research and teaching, with significant ties to industry.

The position is based at the St. Lucia campus of The University of Queensland, one of the most spacious and attractive university campuses in Australia. The campus is centrally located near major public transport routes.

Information for Prospective Staff

The University of Queensland is a family-friendly workplace and offers a number of flexible work options to help staff balance their responsibilities at work and at home. Further information can be found here.

This role is a full-time position; however flexible working arrangements may be negotiated.

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 Positions

The Faculty of Science is committed to ensuring that its graduates are equipped to succeed in a rapidly changing, highly technological world. The ability to think critically and solve problems, apply high levels of quantitative and mathematical reasoning and develop computer programs are fundamental skills for 21st century science graduates. From 2018, all students enrolled in the Bachelor of Science, Bachelor of Biomedical Science and Bachelor of Advanced Science will complete an interdisciplinary course covering these core skills, all embedded in the context of current and emerging issues in science.

The primary purpose of these positions is to conduct and lead the academic efforts associated with the continued development, delivery, monitoring and improvement of this compulsory core course, with a particular regard to facilitating involvement from experts across a diverse range of science discipline areas. This will include in-class teaching, course coordination, responding to student feedback, updating teaching resources, supervising tutors, setting and grading assessment, working with academic staff from across the faculty, and acting as an advocate for the courses in a range of contexts. The appointees will also perform administrative and other activities associated with the School and Faculty, and will be expected to engage in research and/or other appropriate activities in the Scholarship of Teaching and Learning.

Although the majority of teaching will be at the St Lucia Campus, there will also be a need to coordinate and/or deliver components of the course to Science students based at UQ’s Gatton Campus.
Duties

Duties and responsibilities include, but are not limited to:

Teaching and Learning

- Coordinate and teach interdisciplinary undergraduate courses, including courses containing content from science, mathematics and computer programming.
- Develop course material and plan course delivery, potentially including flexible delivery modes.
- Continually improve course curriculum, teaching resources and approaches.
- Consult with students.
- Liaise with academic staff with discipline expertise in other areas of science, as well as those with expertise in the philosophy of science.

Scholarship of Teaching and Learning

- Develop collaborative teaching and learning links across and beyond the University, in and outside of the specific teaching discipline.
- Undertake and communicate the outcomes of teaching and learning initiatives and innovations.
- Develop a national profile in science teaching innovation.
- Seek both internal and external support for the development of teaching and learning initiatives.

Service and Engagement

- Perform a range of administrative functions in the School, commensurate with experience and level of appointment.
- Contribute to the processes that enable the academic team to manage the work of the School, including participate in School decision-making and serve on School committees.
- Foster the School’s relations with industry, government departments, professional bodies and the wider community.
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 Institute/School
- the adoption of 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

Organisational Relationships

The position reports to the Head, School of Mathematics and Physics. In the event that a successful candidate has substantially greater discipline expertise in another area of Science, an alternative home School within the Faculty of Science may be considered.
SELECTION CRITERIA

- PhD or equivalent in mathematics, statistics, computer science, science or a related area.
- Demonstrated high quality university teaching and coordinating skills in mathematics, statistics, science or a related area.
- Evidence of willingness and ability to deliver high-quality, large-enrolment, interdisciplinary courses with a significant quantitative component in a collaborative teaching environment.
- A developing profile in the scholarship of teaching and learning, as evidenced for example by publications, teaching grants and/or engagement in significant teaching innovations.
- A record of active participation in academic administration and service roles, and the ability to work collaboratively with colleagues.
- Applicants at Level C will be expected to have demonstrated a significant role in the development or coordination of teaching activities and associated improvements in teaching and learning.

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. Applications are particularly encouraged from Aboriginal and Torres Strait Islander peoples. For further information please contact our Australian Indigenous Employment Coordinator at: atsi_recruitment@uq.edu.au. Applications are particularly encouraged from women.