Why study Biostatistics at UQ?

Biostatistics uses data to measure, understand and solve medical problems. This exciting and versatile discipline contributes to all fields of medical research and evidence-based healthcare. In this program, you will develop critical analysis expertise, interpretation skills and the ability to apply relevant research findings.

UQ’s biostatistics program is part of the Biostatistics Collaboration of Australia and has been developed by Australia’s foremost biostatisticians. It combines mathematical theory with knowledge of the specific challenges arising in different areas of science, making it a rewarding field of study if you like maths and quantitative problems and want to contribute to the advancement of broader scientific understanding.

The program is enriched by the School of Public Health’s strong links with leading international agencies including Australian Aid, the World Bank and the World Health Organisation, and its major public health projects such as Welcome Trust, Atlantic Philanthropies and the Gates foundation.

Career opportunities

Our graduates contribute to all fields of medical research and healthcare. If you enjoy collecting and studying information to forecast and draw conclusions, biostatistics could be your perfect health career. As there is a shortage of skilled biostatisticians in Australia and around the world, our graduates are in high demand in the medical healthcare, academic, government or in a variety of roles such as:

- compiling data for a longitudinal study
- interpreting results of a study of air quality near a bus tunnel in Seattle
- monitoring and evaluating data on infections in hospitals in the United Kingdom
- working at a global pharmaceutical company, analysing the efficacy of a potential new drug to treat HIV.

Accreditation

Graduates may be accredited by an official industry accreditation body in Australia, such as the Statistical Society of Australia Inc. Completion does not automatically result in graduates receiving accreditation. Please contact the Statistical Society of Australia Inc for details of any accreditation conditions.

More information

School of Public Health

www.sph.uq.edu.au

Email: enquiries@sph.uq.edu.au

Phone: +61 7 3365 5345

International students: Phone outside Australia: +61 3 8676 7004

Within Australia (free call): 1800 671 980

Email: study@uq.edu.au

“After completing my masters degree in Biostatistics at UQ, I have enjoyed working in the field, knowing that I am making a real difference to the health industry. As a biostatistician I design the studies that provide evidence supporting therapeutic interventions. I have always been interested in solving problems with logical reasoning and biostatistics gives me the opportunity to do this and at the same time make a positive difference in people’s lives through improved healthcare.”

TIMEHOP

Biostatistics graduate, Australia

“During my Masters degree in Biostatistics at UQ, I had the opportunity to connect with leaders in biostatistics and to work on projects such as Welcome Trust, Atlantic Philanthropies and the Gates foundation. UQ’s supportive lecturers, practical teaching and valuable resources thoroughly prepared me for the workforce and I was able to step into my biostatistician role with confidence. The learnings and connections I made during my masters of Biostatistics at UQ will last a lifetime.”

Prerequisites

- IELTS overall 6.5 reading 6.0 writing 6.0 speaking 6.0 listening 6.0 (or approved test)
- visa

International availability

Yes

If you are an international student, studying on a student visa, you may only undertake the program on campus at UQ, on a full-time basis; you may only study from your home country and will not be eligible for an Australian student visa.

English proficiency

Graduate Certificate (GC) – An approved degree or a Graduate Certificate in Biostatistics or equivalent and an introductory level statistics course.

Graduate Diploma (GDip) – An approved degree and an introductory level statistics course or a GDP in Biostatistics or equivalent.

Master (M) – 1 year full-time or part-time equivalent.

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