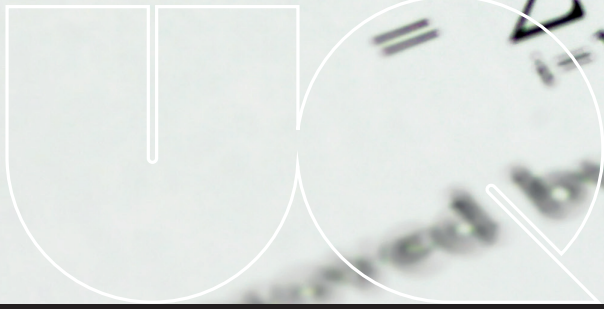


Making a difference
to the world's health.



MASTER OF EPIDEMIOLOGY

SCHOOL OF PUBLIC HEALTH, UQ HERSTON

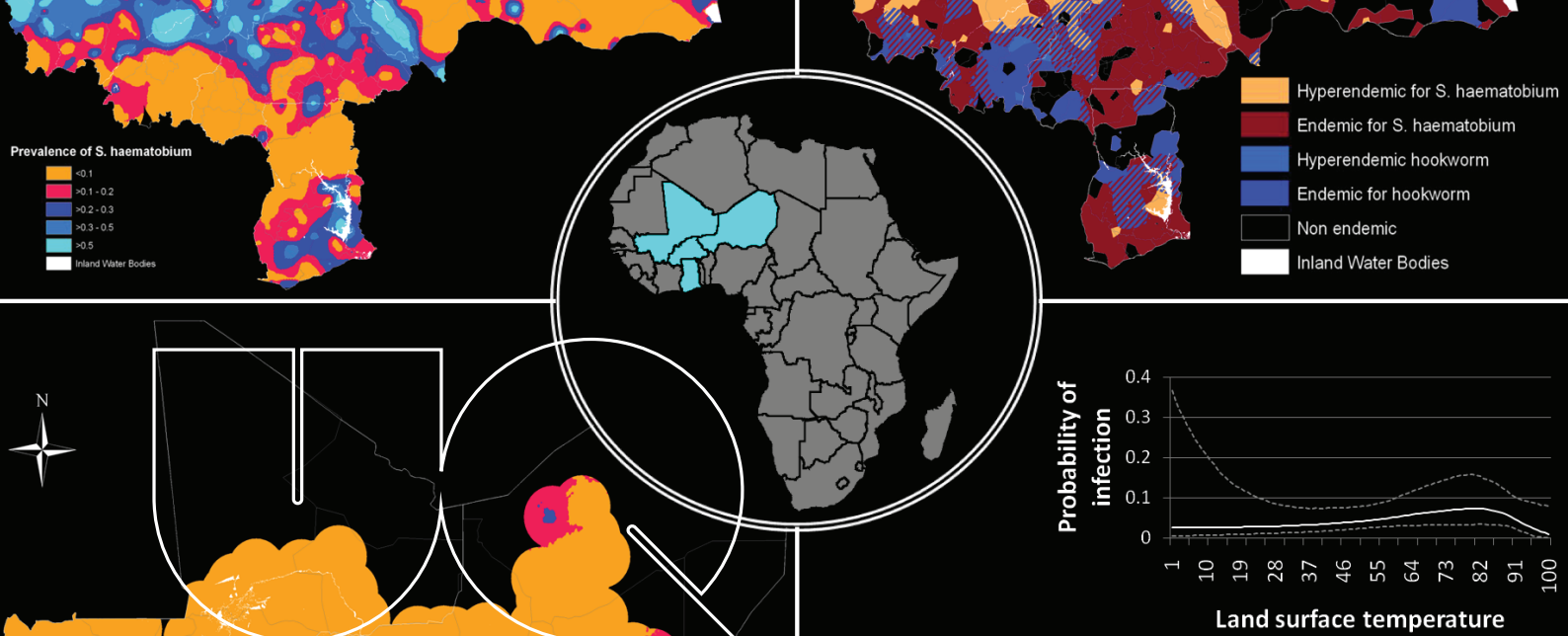
Epidemiology is the core discipline for understanding and improving global health. It is a broad field that offers the grounding for many exciting careers in public health.

Epidemiologists measure rates of disease and investigate their causes. They design health studies, use statistics to analyse their results and decide how best to implement these findings. They use their research to recommend changes in health policy and write about their findings in scientific papers. The work of Epidemiologists can have a significant impact on reducing risks to health and on identifying the major causes of a particular disease or injury.

UQ's Epidemiology program arms students with strong methodological skills and allows them the flexibility to tailor their degree to best reflect their own interests and professional aspirations. If you are curious, enjoy maths and science, and want a career where you can make a difference, a degree in Epidemiology may be for you.



THE UNIVERSITY
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What will I study?

UQ's Epidemiology program offers two plans of study. Both plans are studied over three semesters. The standard plan provides structured coursework that develops epidemiological and biostatistical skills to an advanced level. The Clinical Epidemiology plan is designed for clinicians who seek to acquire methodologic skills in study design and epidemiology and non-clinicians who seek to apply epidemiologic knowledge and skills to clinical problems in their careers.

The core courses of the Epidemiology program give students the advanced epidemiological and biostatistical skills they need to work across a variety of settings:

- Introduction to Epidemiology (Standard plan)
- Evidence Based Health Care (Clinical plan)
- Methods of Clinical Epidemiology (Clinical plan)
- Principles of Epidemiology
- Introduction to Biostatistics
- Practical Regression Analyses
- Research Protocol Development

Depending on whether they study the Standard or Clinical Epidemiology plan, students also choose from a wide range of other courses including:

- Managing Global Disease Priorities
- Cost Effectiveness in Health and Medicine
- Advanced Biostatistics & Epidemiology
- Communicable Disease Management

In the last semester of a Masters degree, students complete a dissertation. This gives the student an opportunity to apply the knowledge, skills and competencies learned during the program to a particular epidemiological problem, relevant to their own career aspirations.

The Epidemiology program can also be studied at Graduate Diploma and Graduate Certificate level. Full details of all study options and courses can be found at www.sph.uq.edu.au.

Careers

UQ's Epidemiology program is geared toward individuals interested in pursuing careers as independent investigators in either public health or clinical research.

Many of our Epidemiology graduates work, or aim to work, as investigators in either government or non-government organisations all around the world. Others pursue research careers in academic

departments and research centres, using their skills to tackle some of our most pressing public health issues. Qualifications in Epidemiology are also useful for health journalists and scientific officers in government and industry.

Careers in epidemiology are diverse and offer something for everyone. On any given day, our graduates might be:

- Monitoring trends in the occurrence of diabetes in teenagers
- Using patients' medical records to evaluate the effectiveness of a popular depression medication
- Designing a research project that will assess how lifestyle factors can impact upon women's health
- Investigating a suspected 'cancer cluster'

Whether working 'hands-on' in the field, or in research, academia or in a corporate environment, professionals with epidemiology qualifications have the potential to make a real difference to the world's health.

World-leading expertise

Program content is evidence-based and comprehensive, reflecting the School's strong links with leading international development agencies (including Australian Aid, the World Bank and the World Health Organization) as well as the fact that some of the field's seminal texts were authored by School staff.

The Epidemiology program is also enriched by the School's major public health projects with partners including the Wellcome Trust, Australian Aid, the Bill & Melinda Gates Foundation, the Institute for Health Metrics and Evaluation at the University of Washington, Harvard University and the Swiss Tropical and Public Health Institute.

Why study at UQ?

When you come to The University of Queensland your learning experience will be enriched by first class services and facilities, flexible study options and exciting research and international study opportunities.

Our students enjoy many benefits from our international reputation for teaching quality and our leading research, recently judged as amongst the world's best by the Australian Research Council. UQ is Queensland's oldest university and has won more teaching awards than any other Australian university.

For more information contact:

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