

In Progress

Please note that this Unit Profile is still in progress. The content below is subject to change.



PBHL20003 *Epidemiology and Statistics*

Term 1 - 2025

Profile information current as at 27/09/2024 10:17 am

All details in this unit profile for PBHL20003 have been officially approved by CQUniversity and represent a learning partnership between the University and you (our student). The information will not be changed unless absolutely necessary and any change will be clearly indicated by an approved correction included in the profile.

General Information

Overview

This foundation subject introduces you to essential knowledge required in your career as clinician, community health worker, health service administrator or public health practitioner. It introduces epidemiology and statistics concepts and skills that are the cornerstone of public health and evidence-based policy. Epidemiology is the study of the distribution and determinants of health-related states or events in specified populations, and the application of this study to the control of health conditions. It addresses the 5Ws: what, who, where, when and why of health-related states (not just diseases!) in populations. We examine health states/events (what), people (who), place/s (where), time (when), and causes, risk factors, and modes of transmission (why/how). The unit provides a foundation for the analysis and interpretation of public health quantitative data and literature. You will learn essential statistical procedures to help understand the nature of disease incidence and prevalence, which forms the basis for public health practice and policy. Data and statistics related to the social determinants of health will be examined, with a focus on ethical principles related to Indigenous Data Sovereignty. You will be introduced to knowledge translation frameworks, and consider their utility in guiding the effective dissemination of epidemiological findings to guide policy and improve health outcomes. Developing these skills will support your future work, whether in clinical, public health, community or policy settings.

Details

Career Level: *Postgraduate*

Unit Level: *Level 8*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

There are no requisites for this unit.

Important note: Students enrolled in a subsequent unit who failed their pre-requisite unit, should drop the subsequent unit before the census date or within 10 working days of Fail grade notification. Students who do not drop the unit in this timeframe cannot later drop the unit without academic and financial liability. See details in the [Assessment Policy and Procedure \(Higher Education Coursework\)](#).

Offerings For Term 1 - 2025

- Melbourne
- Online
- Sydney

Attendance Requirements

All on-campus students are expected to attend scheduled classes – in some units, these classes are identified as a mandatory (pass/fail) component and attendance is compulsory. International students, on a student visa, must maintain a full time study load and meet both attendance and academic progress requirements in each study period (satisfactory attendance for International students is defined as maintaining at least an 80% attendance record).

Website

[This unit has a website, within the Moodle system, which is available two weeks before the start of term. It is important that you visit your Moodle site throughout the term. Please visit Moodle for more information.](#)

Class and Assessment Overview

Information for Class and Assessment Overview has not been released yet.

This information will be available on Monday 13 January 2025

CQUniversity Policies

All University policies are available on the [CQUniversity Policy site](#).

You may wish to view these policies:

- Grades and Results Policy
- Assessment Policy and Procedure (Higher Education Coursework)
- Review of Grade Procedure
- Student Academic Integrity Policy and Procedure
- Monitoring Academic Progress (MAP) Policy and Procedure – Domestic Students
- Monitoring Academic Progress (MAP) Policy and Procedure – International Students
- Student Refund and Credit Balance Policy and Procedure
- Student Feedback – Compliments and Complaints Policy and Procedure
- Information and Communications Technology Acceptable Use Policy and Procedure

This list is not an exhaustive list of all University policies. The full list of University policies are available on the [CQUniversity Policy site](#).

Previous Student Feedback

Feedback, Recommendations and Responses

Every unit is reviewed for enhancement each year. At the most recent review, the following staff and student feedback items were identified and recommendations were made.

Feedback from Unit Coordinator

Feedback

Assessment structure

Recommendation

Recommended revision of the Assessment structure has been implemented to a) replace the current summative A1 with a formative quiz assessment including substantial feedback; and a structured report requirement for A3 (replacing the current literature review) to focus on current issues in Epidemiology and Statistics.

Feedback from Unit coordinator

Feedback

Strengthened contextualisation of epidemiology and statistics within public health.

Recommendation

Recommend to increase class activity work to address this, in addition to existing course content.

Unit Learning Outcomes

Information for Unit Learning Outcomes has not been released yet.

This information will be available on Monday 13 January 2025

Alignment of Learning Outcomes, Assessment and Graduate Attributes

Information for Alignment of Learning Outcomes, Assessment and Graduate Attributes has not been released yet.

This information will be available on Monday 13 January 2025

Textbooks and Resources

Information for Textbooks and Resources has not been released yet.

This information will be available on Monday 17 February 2025

Academic Integrity Statement

Information for Academic Integrity Statement has not been released yet.

This unit profile has not yet been finalised.