

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 22/11/2024 09:11 pm

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 unit introduces the essential knowledge required for your career in the health sector. It introduces epidemiological and statistical principles, concepts, and skills that form the foundation of public health and evidence-based practice. Epidemiology is the study of the distribution and determinants of health-related states/events in specified populations, and the application of study findings in the prevention and control of health problems in the community. It addresses the 5Ws: What (health states/events), Who (people), Where (places), When (time), and Why/How (causes, risk factors, and modes of disease transmission) of health-related states (not just diseases!) in populations. The unit provides an introduction to the analysis and interpretation of numerical data for epidemiological study and reporting. You will also learn essential statistical concepts and methods to estimate the magnitude of disease risk in the community, which forms the basis for public health research, practice, and decision-making processes. This unit will focus on ethical principles used to maintain and protect the Data Sovereignty of First Nations People and other health research populations. In this unit, you will be introduced to knowledge translation frameworks and consider their utility and guidance for effective dissemination of epidemiological findings, disease prevention, control, and improvement in health outcomes in the population.

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 SUTE

Feedback

Both positive and negative feedback was given regarding content to real-world applications.

Recommendation

Continue to embed activities related to the topic to encourage application of theoretical learning, with a focus on current relevant issues in epidemiology.

Feedback from SUTE

Feedback

Positive feedback related to lecturer passion for the discipline and challenging students to think and question.

Recommendation

Continue to foster a learning culture of enquiry.

Feedback from Unit Coordinator

Feedback

There were a high proportion of reported academic integrity cases.

Recommendation

Review current Assessment structure.

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.