

In Progress

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



PBHL29005 *Epidemiology and Statistics*

Term 1 - 2027

Profile information current as at 17/09/2026 12:20 am

All details in this unit profile for PBHL29005 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 builds on your earlier studies in the foundations of research and 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 5 Ws: 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 Australian First Nations Peoples and other health research populations. Upon completion of 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 9*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

Pre-requisites: PBHL28002 Research Methods for Public Health.

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 - 2027

- 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 11 January 2027

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
- Academic Progression Policy and Procedure
- Student Refund and Credit Balance Policy and Procedure
- 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](#).

Unit Learning Outcomes

Information for Unit Learning Outcomes has not been released yet.
This information will be available on Monday 11 January 2027

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 11 January 2027

Textbooks and Resources

Information for Textbooks and Resources has not been released yet.
This information will be available on Monday 15 February 2027

Academic Integrity Statement

Information for Academic Integrity Statement has not been released yet.
This unit profile has not yet been finalised.