

## PCHE3300: Advanced Public Health

Online

Semester 1 - 2024



THE UNIVERSITY OF  
NEWCASTLE  
AUSTRALIA

*The School of Humanities, Creative Industries and Social Sciences is committed to providing an inclusive environment in which all cultures are accorded respect and all students and staff are expected to act with honesty, fairness, trustworthiness and accountability in dealings with others. The School recognises and respects the unique histories and cultures of Aboriginal and Torres Strait Islander peoples, their unbroken relationship with the lands and the waters of Australia over millennia, and the validity of Aboriginal ways of knowing. We are dedicated to reconciliation and to offering opportunities for Aboriginal and Torres Strait Islander peoples to access and succeed in higher education.*

## OVERVIEW

### Course Description

This course is designed to extend students' theoretical understanding and application of the scope of public health courses in years 1 and 2. Specifically, a higher-level understanding of patterns and causes of disease within populations and evidence-based population health interventions to address these. Students will further investigate Burden of Disease in Australia, the Region and Globally. In order to effectively respond to the challenge of this Burden of Disease students will need to understand the the biological, social and environmental causes of these patterns of disease; as well as an understanding of economic and political processes in determining a response to this burden. This course will also address the structure and function of health systems and organisations in response to Burden of Disease in Australia, the Region and Globally. These principles are central to understanding how population health responses are mounted.

### Assumed Knowledge

PUBH1000 and PUBH1080

### Contact Hours

**Online**

**Online Activity**

Online

2 hour(s) per Week for Full Term

### Unit Weighting

10

### Workload

Students are required to spend on average 120-140 hours of effort (contact and non-contact) including assessments per 10 unit course.

# COURSE OUTLINE

[www.newcastle.edu.au](http://www.newcastle.edu.au)

CRICOS Provider 00109J

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# CONTACTS

<b>Course Coordinator</b>	<b>Online</b> Miss Kate Dundas <a href="mailto:Kate.Dundas@newcastle.edu.au">Kate.Dundas@newcastle.edu.au</a> (02) 40420547 Consultation: by appointment via email.
<b>Teaching Staff</b>	Other teaching staff will be advised on the course Canvas site.
<b>School Office</b>	<b>School of Humanities Creative Industries and Social Sciences</b> Social Sciences Building Callaghan <a href="mailto:HCISS@newcastle.edu.au">HCISS@newcastle.edu.au</a> +61 4985 4500

# SYLLABUS

<b>Course Content</b>	<ul style="list-style-type: none"><li>• Population Health</li><li>• Burden of Disease (Australia, the Region and Globally)</li><li>• Comparisons of local, national and international burden of disease</li><li>• Health Care Systems</li><li>• Non-Communicable Diseases and Injury</li><li>• Communicable Diseases</li><li>• Environmental Health</li><li>• Health Inequalities</li><li>• Ageing</li><li>• Biological Threats</li><li>• Globalisation and Health</li><li>• Ethics and Public Health</li><li>• Social Determinants of Health and Healthy Public Policy</li></ul>
<b>Course Learning Outcomes</b>	<b>On successful completion of this course, students will be able to:</b> <ol style="list-style-type: none"><li>1. Define population health through the Public Health lens and chart its historical development</li><li>2. Identify the impact of social determinants of health, health inequalities, ethics, globalisation and ageing on the Burden of Disease</li><li>3. Describe the current Burden of Disease from non-communicable, communicable and environmental causes, including biological threats</li><li>4. Explain how health systems and agencies are organised in Australia, the Region and globally to respond to current and projected Burden of Disease</li><li>5. List the processes underpinning public health policy formulation, implementation and evaluation</li></ol>
<b>Course Materials</b>	<b>Required Text:</b> <ul style="list-style-type: none"><li>- Introduction to Public Health (4th Edition) 2019 Introduction to Public Health is a foundation, introductory text addressing the principles and practice of public health. Written from a multidisciplinary perspective, the text defines the discipline of public health, the nature and scope of public health activity and the challenges that face public health in the 21st century. Designed for undergraduate health science and nursing students, the text helps readers with their understanding of the nature and scope of public health and the challenges facing the field into the future. Editor: Mary Louise Fleming No. of pages: 282</li><li>- Further details and course materials will be made available on the Canvas website.</li></ul>

# SCHEDULE

Week	Week Begins	Topic	Learning Activity	Assessment Due
1	26 Feb	Introduction to Public Health lecture. This will be the scaffold to this 'Advanced Public Health' course		
2	4 Mar	Determinants of Health. This module addresses the main learning outcomes for this course to identify the impact and burden of social determinants of health and health inequalities.		
3	11 Mar	Determinants of Health. This module addresses the main learning outcomes for this course to identify the impact and burden of social determinants of health and health inequalities.		
4	18 Mar	Burden of Disease		
5	25 Mar	Chronic and non-communicable diseases		
6	1 Apr	Chronic and non-communicable diseases		
7	8 Apr	Violence and Injury		
<b>Mid-Semester Recess</b>				
<b>Mid-Semester Recess</b>				<b>Assignment 1</b> Sunday 28 April at 11:59pm
8	29 Apr	Policy. Yes, its quite a theoretically dense topic area but intrinsic foundation for your career in public health		<b>Assignment 2</b> Thursday 2 May at 11:59pm
9	6 May	Introduction to research design & methods		
10	13 May	research design & methods		
11	20 May	research design & methods		
12	27 May	research design & methods		<b>Assignment 3</b> Friday 31 May at 11:59pm <b>Participation and Engagement</b> Friday 31 May at 5:00pm
13	3 Jun	research design & methods		
<b>Examination Period</b>				

## Examination Period

# ASSESSMENTS

This course has 4 assessments. Each assessment is described in more detail in the sections below.

	Assessment Name	Due Date	Involvement	Weighting	Learning Outcomes
1	Assignment 1	Sunday 28 April at 11:59pm	Individual	30%	1, 2, 3, 4, 5
2	Assignment 2	Thursday 2 May at 11:59pm	Individual	30%	1, 2, 3, 4, 5
3	Assignment 3	Friday 31 May at 11:59pm	Individual	30%	1, 2, 3, 4, 5
4	Participation and Engagement	Friday 31 May 5:00pm	Individual	10%	1, 2, 3, 4, 5

**Late Submissions** The mark for an assessment item submitted after the designated time on the due date, without an approved extension of time, will be reduced by 10% of the possible maximum mark for that assessment item for each day or part day that the assessment item is late. Note: this applies equally to week and weekend days.

## Assessment 1 - Assignment 1

**Assessment Type** Written Assignment

**Purpose** This task is a written report consolidating knowledge from foundational public health knowledge and skills from 1000-2000 level public health courses. Specifically, to challenge students to reevaluate a number of core content areas through other lenses (including but not limited to: current burden of disease, non-communicable diseases, history of public health, health inequity).

**Description** This task is a written report collating weekly module activities from weeks 1-4 of the course. These activities require students to reevaluate and extend their knowledge and skills from foundational public health studies (including some short answer questions, finding and use of bigger data sets to illustrate contemporary population health challenges and development of case studies).

**Weighting** 30%

**Length** 2500 words

**Due Date** Sunday 28 April at 11:59pm

**Submission Method** Online Assignment must be submitted via Turnitin

**Assessment Criteria** Please refer to the assessment folder on Canvas

**Return Method** Online via course Canvas website

**Feedback Provided** Online via course Canvas website

## Assessment 2 - Assignment 2

**Assessment Type** Written Assignment

**Purpose** This assessment requires students to consolidate knowledge from 1000-2000 courses about healthcare systems and policies across the spectrum of public health initiatives locally, nationally and internationally. Students will apply these concepts to compare and contrast a number of international healthcare systems.

**Description** This assessment requires students to compare healthcare systems and policies across the spectrum of public health initiatives locally, nationally, and internationally. Students will plan their own healthcare system for a developing nation within a set budget.

**Weighting** 30%

**Length** 2500 words

**Due Date** Thursday 2 May at 11:59pm

**Submission Method** Online via course Canvas website

**Assessment Criteria** Please refer to the assessment folder on Canvas

**Return Method** Online via course Canvas website

**Feedback Provided** Online via course Canvas website

## Assessment 3 - Assignment 3

<b>Assessment Type</b>	Written Assignment
<b>Purpose</b>	This assessment requires students to demonstrate knowledge and skills from foundational epidemiology and studies on the determinants of health, and critically analyse a contemporary public health issue.
<b>Description</b>	This assessment requires students to critically analyse and report on data collection, current burden of disease and epidemiological shift in oral health disorders globally and nationally. Then, using these findings, students will identify and critically analyse associations between oral health and metabolic syndrome (MetS) by critiquing research designs and methodology.
<b>Weighting</b>	30%
<b>Length</b>	2000 words
<b>Due Date</b>	Friday 31 May at 11:59pm
<b>Submission Method</b>	Online via course Canvas website
<b>Assessment Criteria</b>	Please refer to the assessment folder on Canvas
<b>Return Method</b>	Online via course Canvas website
<b>Feedback Provided</b>	Online via course Canvas website

## Assessment 4 - Participation and Engagement

<b>Assessment Type</b>	Participation
<b>Purpose</b>	An essential pillar of Big Picture Design is participation and engagement within the broad spectrum of activities.
<b>Description</b>	Participation and engagement is incorporated /assessed against online engagement with a number of activities within the course. This is similar to a CPD (continuing professional development) framework.
<b>Weighting</b>	10%
<b>Length</b>	NA
<b>Due Date</b>	Friday 31 May 5:00pm
<b>Submission Method</b>	Online
<b>Assessment Criteria</b>	Please refer to the assessment folder on Canvas
<b>Return Method</b>	Online via course Canvas website
<b>Feedback Provided</b>	No Feedback

## ADDITIONAL INFORMATION

**Grading Scheme** This course is graded as follows:

Range of Marks	Grade	Description
85-100	High Distinction (HD)	Outstanding standard indicating comprehensive knowledge and understanding of the relevant materials; demonstration of an outstanding level of academic achievement; mastery of skills*; and achievement of all assessment objectives.
75-84	Distinction (D)	Excellent standard indicating a very high level of knowledge and understanding of the relevant materials; demonstration of a very high level of academic ability; sound development of skills*; and achievement of all assessment objectives.
65-74	Credit (C)	Good standard indicating a high level of knowledge and understanding of the relevant materials; demonstration of a high level of academic achievement; reasonable development of skills*; and achievement of all learning outcomes.
50-64	Pass (P)	Satisfactory standard indicating an adequate knowledge and understanding of the relevant materials; demonstration of an adequate level of academic achievement; satisfactory development of skills*; and achievement of all learning

		outcomes.
0-49	Fail (FF)	Failure to satisfactorily achieve learning outcomes. If all compulsory course components are not completed the mark will be zero. A fail grade may also be awarded following disciplinary action.

\*Skills are those identified for the purposes of assessment task(s).

### Communication Methods

Communication methods used in this course include:

- Canvas Course Site: Students will receive communications via the posting of content or announcements on the Canvas course site.
- Email: Students will receive communications via their student email account.
- Face to Face: Communication will be provided via face-to-face meetings or supervision.

### Course Evaluation

Each year feedback is sought from students and other stakeholders about the courses offered in the University for the purposes of identifying areas of excellence and potential improvement.

### Oral Interviews (Vivas)

As part of the evaluation process of any assessment item in this course an oral examination (viva) may be conducted. The purpose of the oral examination is to verify the authorship of the material submitted in response to the assessment task. The oral examination will be conducted in accordance with the principles set out in the [Oral Examination \(viva\) Procedure](#). In cases where the oral examination reveals the assessment item may not be the student's own work the case will be dealt with under the [Student Conduct Rule](#).

### Academic Misconduct

All students are required to meet the academic integrity standards of the University. These standards reinforce the importance of integrity and honesty in an academic environment. Academic Integrity policies apply to all students of the University in all modes of study and in all locations. For the Student Academic Integrity Policy, refer to <https://policies.newcastle.edu.au/document/view-current.php?id=35>.

### Adverse Circumstances

The University acknowledges the right of students to seek consideration for the impact of allowable adverse circumstances that may affect their performance in assessment item(s). Applications for special consideration due to adverse circumstances will be made using the online Adverse Circumstances system where:

1. the assessment item is a major assessment item; or
2. the assessment item is a minor assessment item and the Course Co-ordinator has specified in the Course Outline that students may apply the online Adverse Circumstances system;
3. you are requesting a change of placement; or
4. the course has a compulsory attendance requirement.

Before applying you must refer to the Adverse Circumstance Affecting Assessment Items Procedure available at:

<https://policies.newcastle.edu.au/document/view-current.php?id=236>

### Important Policy Information

The Help button in the Canvas Navigation menu contains helpful information for using the Learning Management System. Students should familiarise themselves with the policies and procedures at <https://www.newcastle.edu.au/current-students/respect-at-uni/policies-and-procedures> that support a safe and respectful environment at the University.

*This course outline was approved by the Head of School. No alteration of this course outline is permitted without Head of School approval. If a change is approved, students will be notified and an amended course outline will be provided in the same manner as the original.*

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