

# Postgraduate Study Master of Public Health in Infectious Diseases Epidemiology and Control

Never Stand Still

Medicine

School of Public Health and Community Medicine



## About this degree

The Master of Public Health in Infectious Diseases Epidemiology and Control is offered by the School of Public Health and Community Medicine at the University of New South Wales. This specialisation provides students with key skills in the principles of infectious diseases epidemiology, prevention and control.

Core competencies include understanding the different modes of disease transmission, principles and practice of disease surveillance, outbreak investigation processes and methods to control infectious diseases. The impact of travel on surveillance and containment of infectious diseases will be covered as well as an introduction to modelling the spread of common infectious diseases. Through electives, students can focus on methods of analysis; specific classes of disease such as HIV or tropical diseases; or areas in which infectious diseases pose particular challenges including humanitarian emergencies and environmental health.

Infectious Diseases Epidemiology and Control is a key focus of research and practice within public health and a key area of research and expertise within the School.

This stream provides students with an opportunity to select courses in a combination which enables specialisation in infectious diseases epidemiology and control. As part of the program, students can undertake a small-scale research project, which may be in the form of a research study, a case study, a program evaluation or a report on field experience. The name of the specialisation is reflected on the testamur and students graduate

with a Master of Public Health in Infectious Diseases Epidemiology and Control.

## Who should do this stream?

This program is aimed at public health personnel who seek a career in communicable disease control in the health sector or in international health, and students who wish to progress to postgraduate research in infectious diseases epidemiology.

## Mode of delivery

This program can be taken either full-time or part-time. Courses are offered internally on campus with face-to-face teaching, or externally by distance mode using a combination of intensive workshops and online teaching. Workshops are held on campus in February, July and November.

*Throughout history, new pathogens such as HIV, SARS and pandemic influenza have emerged to challenge human populations.*

## Stream convenor

Dr James Wood  
Tel: +61 (2) 9385 8769  
Email: james.wood@unsw.edu.au

School of Public Health and Community Medicine  
University of New South Wales  
UNSW Sydney NSW 2052, Australia  
Tel: +61 (2) 9385 1699, Fax: +61 (2) 9385 1526  
Email: postgrad-sphcm@unsw.edu.au  
Web: www.sphcm.med.unsw.edu.au  
CRICOS Provider No 00098G

## STREAM STRUCTURE

Students must complete the eight courses listed below:

### THREE MPH CORE COURSES:

PHCM9041 Foundations in Public Health & Health Care Systems

PHCM9498 Epidemiology & Statistics for Public Health

PHCM9012 Health Promotion & Social Perspectives of Health

### ONE STREAM-DEFINING COURSE:

PHCM9782 Current Challenges in Infectious Diseases

### THREE COURSES FROM RECOMMENDED INFECTIOUS DISEASES ELECTIVES:

PHCM9120 Qualitative Research Methods

PHCM9132 Applied Research Methods

PHCM9513 Case Studies in Infectious Diseases in Healthcare Settings

PHCM9517 Advanced Biostatistics & Statistical Computing

PHCM9518 Advanced Epidemiology

PHCM9605 International Health

PHCM9612 Environmental Health

PHCM9621 HIV/AIDS: Australian & International Responses

PHCM9622 The Global HIV Epidemic

PHCM9630 Public Health Perspectives of Indigenous Health

PHCM9731 Outbreak Investigation

PHCM9783 Communicable Diseases in Humanitarian Emergencies & Disasters

PHCM9784 Tropical Disease Control

PHCM9785 Modelling Infectious Diseases

PHCM9811 Social & Cultural Aspects of Contagion

### ONE MORE ELECTIVE OR PROJECT:

PHCM9148 Project in Infectious Diseases