

**Australian National University
Master of Public Health**

Website: <http://programsandcourses.anu.edu.au/2017/program/MPUBH>

The ANU Master of Public Health will equip you with the foundations of public health practice, provide you with an understanding of contemporary public health issues relevant to Australia and teach you practical techniques for analysing public health problems.

This program provides real experience in public health through core courses designed to give you the skills you need and electives that suit your additional interests. Workplace-related learning can be readily incorporated for those who work in relevant public health jobs.

Learning Outcomes:

Upon successful completion, students will have the skills and knowledge to:

- Explain and apply an understanding of the socioeconomic, behavioral, biological, and societal determinants of health and disease.
- Understand the factors affecting the aetiology, incidence, and prevalence of major health problems in populations
- Understand the factors affecting the need, demand, and use of health care and public health services
- Critically read and evaluate quantitative and qualitative research findings contained in medical, public health and social science journals.
- Apply analytic tools to defining and describing public health problems.
- Demonstrate creativity, inquisitiveness, and evidence-based rigour in the application of public health problem-solving skills.
- Communicate effectively and persuasively, both orally and in writing.
- Integrate knowledge and research methods skills to address a research question

Core units:

24 units from completion of the following compulsory courses:

POPH8103 Introduction to Health Policy and Administration

Course syllabus will include:

- Introduction to health care systems
- Public, private and charitable institutions of the health sector in Australia
- Economics, finance and markets in the Australian system
- Clinical governance/health stewardship
- Managing health service clinical performance
- Clinician performance
- Policy analysis
- The purpose of government and policy - Administrative technologies

Elective units:

A minimum of 6 units from completion of courses from the following list:

- CHMD8004 Qualitative Methodologies for Health Research
- POPH8105 Epidemiology Literature Research Project
- POPH8315 Methods in Applied Epidemiological Research

A maximum of 66 units from completion of courses from the following list:

- CHMD8001 Directed Readings in Culture, Health and Medicine
- CHMD8004 Qualitative Methodologies for Health Research
- CHMD8005 Representing Medicine: Performance, Drama and Identity
- CHMD8006 Global Health and Development
- CHMD8008 Medicine and Society in

POPH8104 Contemporary Issues in Public Health

- Apply their knowledge and skills, acquired throughout the MPH program, to understanding, analysing and intervening in contemporary public health problems
- Analyse the core contributions of relevant disciplines and methods in addressing contemporary public health issues, and their strengths and weaknesses
- Draw lessons from public health successes and apply them to understanding and intervening in contemporary public health problems
- Assess contemporary public health issues from a variety of research, policy maker and stakeholder perspectives and analyse the relevance of these perspectives for successful intervention.

POPH8100 Fundamentals of Epidemiology

- Recognise and define important population health questions
- Identify and choose appropriate study designs
- Calculate and interpret measures of disease frequency and association and confidence intervals around these measures
- Identify and assess the implications of bias and confounding in epidemiological research
- Identify key sources of population health data
- Critically appraise epidemiological literature
- Communicate epidemiological information to professional and other audiences
- Reflect on the role of epidemiology in informing scientific, political, ethical and economic discussion of health issues

POPH8101 Biostatistics in Population Health

- Analysis of normal data, including t-tests and linear regression
- Analysis of binary data, including 2x2 tables, Mantel-Haenszel methods and logistic regression
- Analysis of count data, including comparing rates between two groups,

History

- CHMD8009 Anthropological Approaches to Health Interventions
- CHMD8010 Anthropological Concepts for Health Research: From Risk to Suffering
- CHMD8011 Refugee Health: From Displacement to Resettlement
- DEMO8008 Principles of Population Analysis
- DEMO8079 Health Demography
- EMDV8001 Environmental Sustainability, Health and Development
- IDEC8007 Aid and Development Policy
- INDG8001 Australian Indigenous Development
- LAWS8237 Health Law and Bioethics in Global Context
- MEDI8115 Fundamentals of Health Protection and Health Promotion
- MEDI8116 Public Health disasters, catastrophes and recovery
- MEDN8000 Translational Medicine: From Discovery to Healthcare
- MGMT7030 Foundations of Management
- NSPO8001 Australia's National Security Community
- NSPO8013 Disease, Security and Biological Weapons
- POGO8029 Health Policy in a Globalising World
- POPH8313 Analysis of Public Health Data
- POPH8316 Outbreak Investigation
- POPH8317 Public Health Surveillance
- POPH8318 Human Health, Environment and Climate Change
- POPM8001 Mental Health
- MEDI8108 Principles of Health Economics and Financing
- POPH8316 Outbreak Investigation

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| <ul style="list-style-type: none"> • Poisson regression and survival analysis • Meta-analysis | |
| RACMA Core Requirements: | Australian National University - MPH |
| 1. Health Law | Health Law and Bioethics in Global Context LAWS8237 (CORE) |
| 2. Health Economics | Health Economics – Health Economics ECON8039 (elective)/Principles of Health Economics and Financing MEDI8108 (elective) |
| 3. Health Care Systems | Health Policy in a Globalising World POGO8029 (elective) |
| 4. Financial Management in Health | Principles of Health Economics and Financing MEDI8108 (elective) |
| 5. Epidemiology and Statistics | Fundamentals of Epidemiology POPH8100 (CORE) & Biostatistics in Population Health POH8101(CORE) |
| 6. Research Methodology | Qualitative Methodologies for Health Research CHMD8004 (elective)/ Anthropological Concepts for Health Research CHMD8010 (elective)/ Method in Applied Epidemiological Research POPH8315 (elective)/ |
| 6. Leadership | Anthropological Approaches to the Study of Health Interventions CHMD8009 (elective)/ MGMT7030 Foundations of Management |
| Contact Details | |
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