

Postgraduate Prospectus

2022



School of
Population Health
UNSW Medicine



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WELCOME TO THE SCHOOL OF POPULATION HEALTH UNSW MEDICINE AND HEALTH

The School of Population Health at UNSW Sydney is a leading postgraduate educator in public health, global health, health leadership and management and infectious diseases intelligence. The School is committed to excellence in research, teaching and action to promote health, prevent disease and strengthen health systems. Our graduates form a network of highly skilled health leaders in Australia, the Asia-Pacific and beyond, trained to work at the interface of education, research and translation of evidence into policy and practice.

Our faculty bring experience from multiple disciplines in local, national, and international settings. Our teaching is strongly influenced by our research and our research informs our teaching; both contribute directly to improving population health and healthcare in Australia and internationally.



About the School

The School of Population Health (SPH) at UNSW Medicine and Health offers a diverse range of postgraduate programs in public health, health leadership and management, global health and infectious diseases intelligence, including a range of specialisations, dual degrees, and the opportunity to do research degrees, including a professional doctorate.

Leading educator

The School is a leader in academic excellence, global impact and social engagement. We deliver high quality teaching to a diverse body of students across a range of programs. We have the oldest and largest health management program, and one of the largest public health and global health programs in Australia.

SPH is a dynamic, international community of staff, alumni, practitioners and students. An underlying principle at the School is the link between teaching and research. Our teaching and research staff bring experience from multiple disciplines and have experience in local, national, and international settings. They teach and research in clinical schools, hospitals, research centres, private practice and community-based services. The School plays a key role in enhancing health care systems and seeks strong interactions with communities and local, state and national health services.

Enhanced career prospects

Our postgraduate programs are designed for clinicians, nurses, managers, consultants, educators, policy makers and allied health professionals who are interested in contributing to improving health delivery, as well as advancing their careers. Graduates occupy senior positions in hospitals, government area health services and public health units, health service organisations, non-government organisations, aid agencies, research centres and training institutions in Australia, the Asia-Pacific region and around the globe.

Specialised degrees

We understand that many people seek specialised programs in their postgraduate degree. These specialised areas are ones in which the School has extensive expertise, and are taught by leading academics working within an active research environment. Specialisations are available in:

- Aboriginal Health and Wellbeing
- Epidemiology
- Health Economic Evaluation
- Health Promotion
- Infectious Diseases Control
- International Health
- Primary Health Care
- Public Security
- Social Research

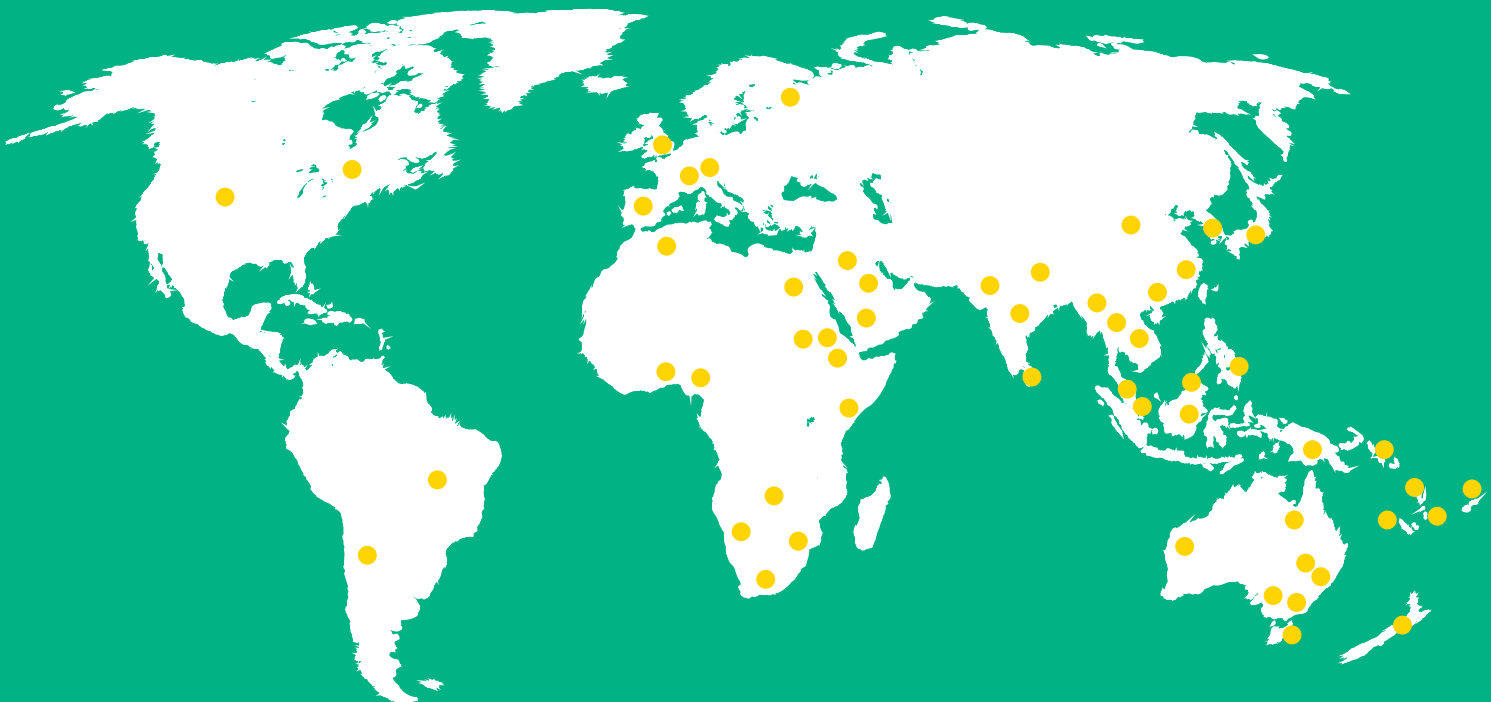
Relevant to workplace

Our programs are designed to be relevant to the workplace, with many opportunities to apply theoretical knowledge to practice, such as the Internship which offers students a chance to gain work experience in health organisations. We also offer the UNSW Future Health Leaders Program which is a work-place based program leading to a professional doctorate.

Expertise in online education

The School has substantial expertise in flexible modes of education delivery and we are a leader in online learning. All our programs are available through distance mode (fully online), face-to-face (on-campus) or a combination of both modes. We use flexible and interactive technologies embedded in our learning management system and are

Where our students come from



continually exploring innovative ways of using new technologies to offer a wider range of engaging and creative learning opportunities.

Flexible delivery

Our postgraduate coursework and research programs are available full-time or part-time, face-to-face, online, or a custom mix of modes designed to suit people's educational needs.

Dual degrees and extension programs

You can make the most of your studies and fast-track your career by completing two Master's degrees within 1.7 years. We also offer a dual degree with an extension component for students seeking a two-year coursework program. The ability to study two programs concurrently enhances your opportunities to consolidate and integrate knowledge and skills in two related disciplines.

Research degrees

The School offers excellent research programs to public health and health service researchers. Options are available for research only degrees (PhD and Masters by Research) or combined coursework and research (Master of Philosophy). The School also offers a unique Professional Doctorate in Applied Public Health.

PLuS Alliance

As part of the PLuS Alliance, options are available for students enrolled in our programs to take online courses at Arizona State University (ASU). The PLuS Alliance partnership between universities was designed to solve global challenges and increase access to world-class higher education in high-need areas.



Why study with SPH?



Flexible delivery

We meet the diverse learning and professional needs of our students whether they are on-campus, or work in local or international settings. Courses can be taken online or face-to-face, full-time or part-time.



Fully online options

The School's programs can be taken fully online which allows students to study by distance from anywhere in the world. Personalised, flexible learning to suit people's lifestyle.



Internship

Gain real-world experience in relevant health organisations through a Internship. Apply theoretical knowledge to workplace practice.



Dual degrees

Make the most of your studies and fast-track your career by completing two Masters degrees within 1.7 years or 2 years for a dual degree with a research component.



Interactive learning

Leaders in creating an engaging online learning space which facilitates collaborative learning allowing students to connect with fellow students and course convenors in real-time.



Research opportunities

Opportunities are available to progress from a coursework Masters degree that includes a research component to enrolment in a PhD.



Ranking

We have the largest and most established Health Management program in Australia, and one of the largest public health and global health programs in Australia.



Degree specialisations

Students can focus their studies in specialised areas where the School has considerable expertise and also incorporate individualised research project work.

Choose your program

Public Health		Master of Public Health	
		Master of Public Health Extension	
		Graduate Diploma in Public Health	
		Graduate Certificate in Public Health	
Health Leadership and Management		Master of Health Leadership and Management	
		Master of Health Leadership and Management Extension	
		Graduate Diploma in Health Leadership and Management	
		Graduate Certificate in Health Leadership and Management	
Global Health		Master of Global Health	
		Master of Global Health Extension	
		Graduate Diploma in Global Health	
		Graduate Certificate in Global Health	
Infectious Diseases Intelligence		Master of Infectious Diseases Intelligence	
		Master of Infectious Diseases Intelligence Extension	
		Graduate Diploma in Infectious Diseases Intelligence	
		Graduate Certificate in Infectious Diseases Intelligence	
Specialisations		Aboriginal Health and Wellbeing	International Health
		Epidemiology	Primary Health Care
		Health Economic Evaluation	Public Security
		Health Promotion	Social Research
		Infectious Diseases Control	
Dual Degrees		1.7 years dual degree:	2 year dual degree:
		Complete two Masters degrees in Public Health, Health Leadership and Management, Global Health, Infectious Diseases Intelligence	Complete two Masters degrees with the addition of an extension term which includes a research project
PhD and Higher Degree Research Programs		Doctor of Philosophy (PhD)	
		Doctor of Public Health (DrPH)	
		Master of Philosophy in Public Health (MPhil)	
		Master by Research (MRes)	

Which degree is right for me?

Program Title	Program requirements	Program Overview
PUBLIC HEALTH PROGRAM		
Master of Public Health (MPH) (9045)	8 courses (48 UOC) 1 year full-time 2 years part-time	The MPH program provides preparation for education, research and service in all aspects of public health. It is designed to address the continuing education needs of specialists in public health as well as provide a general orientation to public health issues and methods for health professionals. Students will acquire a deeper understanding of knowledge and skills for research, professional practice and further learning.
Master of Public Health Extension (MPH Extn) (9046)	12 courses (72 UOC) 1.7 years full-time 3 years part-time	The MPH Extension is designed for students wishing to complete a Masters degree with a research component. It could also provide a pathway for students seeking to apply for entry into a PhD program.
Graduate Diploma in Public Health (GradDipPH) (5507)	6 courses (36 UOC) 1 year full-time 1.7 years part-time	The Graduate Diploma is designed to address the continuing education needs of specialists in public health as well as provide a general orientation to public health issues and methods for the health professions. It will benefit students returning to postgraduate study after a period in the workforce by updating their skills and knowledge.
Graduate Certificate in Public Health (GradCertPH) (7368)	4 courses (24 UOC) 1 year part-time	The Graduate Certificate provides preparation for education, research, and service in aspects of public health. It is designed for health professionals who wish to study in a short time frame and may be seeking to update their knowledge and skills. It will benefit students returning to postgraduate study after a period in the workforce.
HEALTH LEADERSHIP AND MANAGEMENT PROGRAM		
Master of Health Leadership and Management (MHLM) (8901)	8 courses (48 UOC) 1 year full-time 2 years part-time	The objective of the MHLM program is to develop work-ready managers who can provide effective leadership on health service issues, teams and systems. Students will acquire a deeper understanding of knowledge and skills for research, professional practice and further learning.
Master of Health Leadership and Management Extension (MHLM Extn) (8902)	12 courses (72 UOC) 1.7 years full-time 3 years part-time	The MHLM Extension is designed for students wishing to complete a Masters degree with a research component. It could also provide a pathway for students seeking to apply for entry into a PhD program.
Graduate Diploma in Health Leadership and Management (GradDipHLM) (5509)	6 courses (36 UOC) 1 year full-time 1.7 years part-time	The Graduate Diploma will suit students wishing to focus on the basic principles of health management, and/or wish to learn more about a particular aspect of health management. It will benefit students returning to postgraduate study after a period in the workforce by updating their skills and knowledge.
Graduate Certificate in Health Leadership and Management (GradCertHLM) (7360)	4 courses (24 UOC) 1 year part-time	The Graduate Certificate will suit students wishing to focus on the basic principles of health management, and/or wish to learn more about a particular aspect of health management. It will benefit students returning to postgraduate study after a period in the workforce by updating their skills and knowledge.

Program Title	Program Requirements	Program Overview
GLOBAL HEALTH PROGRAM		
Master of Global Health (MGH) (9048)	8 courses (48 UOC) 1 year full-time 2 years part-time	The MGH program provides the basic professional education and training for graduates to work internationally in health departments, with non-government organisations, and with international and bi-lateral aid agencies.
Master of Global Health Extension (MGH Extn) (9051)	12 courses (72 UOC) 1.7 years full-time 3 years part-time	The MGH Extension is designed for students wishing to complete a Masters degree with a research component in international health. It could also provide a pathway for students seeking to apply for entry into a PhD program.
Graduate Diploma in Global Health (GradDipGH) (5567)	6 courses (36 UOC) 1 year full-time 1.7 years part-time	The Graduate Diploma is designed to address the continuing education needs of specialists in global health as well as provide a general orientation to global health issues and methods for the health professions. It will benefit students returning to postgraduate study after a period in the workforce by updating their skills and knowledge.
Graduate Certificate in Global Health (GradCertGH) (7367)	4 courses (24 UOC) 1 year part-time	The Graduate Certificate is designed for health professionals who wish to study in a short time frame and are seeking to update their knowledge and skills. It will benefit students returning to study after a period in the workforce.
INFECTIOUS DISEASES INTELLIGENCE PROGRAM		
Master of Infectious Diseases Intelligence (MIDI) (8362)	8 courses (48 UOC) 1 year full-time 2 years part-time	The MIDI program equips graduates with advanced skills in public health aspects of infectious diseases intelligence, response, prevention and mitigation. It would be an advantage to professionals seeking a career in public health control of infectious diseases, health emergencies, outbreaks, infectious diseases risk assessment, vaccination and other infectious diseases control programs.
Master of Infectious Diseases Intelligence Extension (MIDI Extn) (9362)	12 courses (72 UOC) 1.7 years full-time 3 years part-time	The MIDI Extension is designed for students wishing to complete a Masters degree with a research component. It could also provide a pathway for students seeking to apply for entry into a PhD program.
Graduate Diploma in Infectious Diseases Intelligence (GradDipIDI) (5362)	6 courses (36 UOC) 1 year full-time 1.7 years part-time	The Graduate Diploma program is aimed at health professionals who seek to increase their capacity around the management of infectious disease control strategies.
Graduate Certificate in Infectious Diseases Intelligence (GradCertIDI) (7362)	4 courses (24 UOC) 1 year part-time	The Graduate Certificate is designed for health professionals who wish to study in a short time frame and are seeking to update their knowledge and skills in effective management or control of infectious diseases. I
DUAL DEGREES		
Two Masters Degrees	12 courses (72 UOC) 1.7 years full-time 3 years part-time	The Dual Degrees will suit students who wish to complete two Masters degrees in the areas of Public Health, Health Leadership and Management, Global Health or Infectious Diseases Intelligence.
Two Masters Degrees with an extension (includes research project)	16 courses (96 UOC) 2 years full-time 4 years part-time	The Dual Degrees with an Extension will suit students who wish to obtain two Masters degrees as well as complete a Research Project as part of their degree.
RESEARCH DEGREES		
Doctor of Philosophy (PhD) (1835)	3-4 years full-time 6-8 years part-time	The PhD is designed as advanced research in a specialised area and comprises 100% research.
Professional Doctorate of Public Health (DrPH) (1836)	3-4 years full-time 6-8 years part-time	The DrPH is a workplace based professional doctorate which candidates undertake while working full-time in their workplace.
Masters by Research Program (2810, 2845, 2885, 2960)	1.5-2 years full-time 3-4 years part-time	Masters by Research programs are designed primarily as training in advanced work and comprise 100% research.
Master of Philosophy in Public Health (MPhil) (2713)	1.5-2 years full-time 3-4 years part-time	This research program is supplemented with coursework to provide in-depth discipline skills and/or skills in relevant research methods.



Public Health Program

The Public Health program is widely recognised as essential for a career in population health, including health promotion, primary health care, policy formulation, research, and management of health programs. Many of our graduates occupy key positions in health departments, non-government organisations and universities in Australia and internationally.

The Public Health program provides both the foundational skills necessary to launch a career in public health and the education needs of public health specialists for career progression. It acts as a pathway into public health education, research and service by offering a sophisticated understanding of the multidisciplinary area of public health.

The program includes study in epidemiology, biostatistics, health promotion, quantitative and qualitative research methods, health policy, planning and health services management, as well as many topical public health issues.

Students will graduate with an advanced and integrated understanding of public health practice. Through the Public Health program students will gain the knowledge and skills to identify, understand, prevent and contain disease in populations as well as to identify and address the social determinants of population health inequities.

Key features

- **Specialisations**

Tailor your degree to suit your goals through a broad program of study or a focused public health specialisation. We offer nine specialisations in areas where we have extensive expertise:

1. Aboriginal Health & Wellbeing
2. Epidemiology
3. Health Economic Evaluation



"My MPH has already assisted me in my career, affording me the opportunity to quickly make the transition from research and disability sector work into a Health Promotion position with NSW Health. Day to day, my MPH has given me the solid theoretical foundation upon which to build my career in population health, as well as an eagerness to use all available resources to full advantage."

Arlita Willman

Operations Manager, Health Promotion at Northern Sydney Local Health District

4. Health Promotion
5. Infectious Diseases Control
6. International Health
7. Primary Health Care
8. Public Security
9. Social Research

- **Research extension options**

The Master of Public Health (Extension) gives you the opportunity to extend your knowledge and skills in public health research through additional research methodology courses and/or an advanced research project. Opportunities are available to progress from a coursework master's degree that includes a research component to enrolment in a PhD.

- **Dual degree options**

Make the most of your studies by completing two master's degrees within 1.7 years. You can combine this degree with the master's programs in health leadership and management, global health or infectious diseases intelligence. Studying two programs concurrently enhances your career prospects and gives you the opportunity to combine knowledge and skills from two related disciplines.

- **Industry relevant program**

This program was designed to be relevant to the workplace, with many opportunities to apply theoretical knowledge to practice. One such opportunity is our internship program, where you'll gain practical experience in relevant health organisations. We offer a range of domestic and international internship placements in Australia, Asia and the Pacific.

- **Flexible delivery**

Complete your study from anywhere in the world. This degree provides flexible learning options so you can complete the degree according to your needs and commitments. Courses can be taken online or face-to-face, full-time or part-time. Our online learning spaces facilitate collaborative learning so you can connect with fellow students and course convenors in real-time.

Future careers

Graduates of the Master of Public Health are recognised as leaders in disease prevention and control, program and policy formulation, implementation and evaluation, health promotion, population health research and management of health programs. Many occupy key positions in health departments, population health units, universities and non-government organisations in Australia, the Western Pacific and Asian regions.

There's strong demand in Australia and globally for professionals with specialised interdisciplinary skills in Public Health. The Master of Public Health can lead to a career in:

- government departments and ministries of health
- public health networks
- local area health services
- universities and research institutes
- international health policy and funding institutions
- non-governmental agencies
- mental health services
- Indigenous health organisations

Program structure

Program	Master of Public Health (9045)	Master of Public Health Extension (9046)	Graduate Diploma of Public Health (5507)	Graduate Certificate in Public Health (7368)
Program duration	1 year full-time 2 years part-time	1.7 years full-time 3 years part-time	1 year full-time 1.7 years part-time	1 year part-time
Study mode	Online Face-to-face	Online Face-to-face	Online Face-to-face	Online Face-to-face
Total courses	8 courses (48 UOC)	12 courses (72 UOC)	6 courses (36 UOC)	4 courses (24 UOC)
Course selection	4 core courses: <ul style="list-style-type: none"> Foundations in Public Health and Health Care Systems (6 UOC) Foundations of Epidemiology (6 UOC) Foundations of Biostatistics (6 UOC) Health Promotion and Social Perspectives of Health (6 UOC) 4 elective courses: <ul style="list-style-type: none"> See <i>Course Selection</i> for list of electives (24 UOC) 	4 core courses: <ul style="list-style-type: none"> Foundations in Public Health and Health Care Systems (6 UOC) Foundations of Epidemiology (6 UOC) Foundations of Biostatistics (6 UOC) Health Promotion and Social Perspectives of Health (6 UOC) 4 elective courses: <ul style="list-style-type: none"> See <i>Course Selection</i> for list of electives (24 UOC) Extension courses: <ul style="list-style-type: none"> Additional electives which include research project or research methodology course (24 UOC) 	2 core courses: <ul style="list-style-type: none"> Foundations in Public Health and Health Care Systems (6 UOC) Health Promotion and Social Perspectives of Health (6 UOC) 4 elective courses: <ul style="list-style-type: none"> See <i>Course Selection</i> for list of electives (24 UOC) 	1 core course: <ul style="list-style-type: none"> Foundations in Public Health and Health Care Systems (6 UOC) 3 elective courses: <ul style="list-style-type: none"> See <i>Course Selection</i> for list of electives (18 UOC)

Entry requirements

Applicants are required to have either:

- An undergraduate degree in a field relevant to public health or health management (see list below)* and two years full-time professional or volunteer experience. This may also include equivalent professional experience acquired as part of a degree of 4 or more years duration (e.g. MBBS, MD); OR

- An undergraduate degree plus an honours or postgraduate degree in a field relevant to public health or health management (see list below)*.

**Examples include, but are not restricted to: medicine, nursing, allied health, health sciences, biomedical sciences, dentistry, social work, sociology, behavioural and social sciences, psychology, marketing, human services, emergency services, environmental health, veterinary science, health administration, business, management, engineering, law, science, mathematics and statistics, economics, policy studies and development studies.*

Public Health Dual Degrees

Public health dual degrees allow students to complete two degrees concurrently. Two options are available:

1) complete two degrees in 1.7 years full-time; or 2) complete two degrees in 2 years full-time which option includes the addition of an extension component where students complete additional electives including a research project or a research methodology course.

PUBLIC HEALTH DUAL DEGREES – 1.7 YEARS

Program	Program duration	Study mode	Total courses	Course selection
Masters in Public Health / Health Leadership & Management (9047)	1.7 years full-time 3 years part-time	Online Face-to-face	12 courses (72 UOC)	8 core courses (48 UOC) 4 elective courses (24 UOC)
Masters in Public Health / Global Health (9043)	1.7 years full-time 3 years part-time	Online Face-to-face	12 courses (72 UOC)	5 core courses (30 UOC) 7 elective courses (42 UOC)
Masters in Public Health / Infectious Diseases Intelligence (9059)	1.7 years full-time 3 years part-time	Online Face-to-face	12 courses (72 UOC)	7 core courses (42 UOC) 5 elective courses (30 UOC)

PUBLIC HEALTH DUAL DEGREES – 2 YEARS WITH RESEARCH EXTENSION

Program	Program duration	Study mode	Total courses	Course selection
Masters in Public Health with Extension / Health Leadership and Management (9056)	2 years full-time 4 years part-time	Online Face-to-face	16 courses (96 UOC)	8 core courses (48 UOC) 4 elective courses (24 UOC) Extension courses (24 UOC)
Masters in Public Health with Extension / Global Health (9054)	2 years full-time 4 years part-time	Online Face-to-face	16 courses (96 UOC)	5 core courses (30 UOC) 7 Elective courses (42 UOC) Extension courses (24 UOC)
Masters in Public Health / Health Leadership and Management with Extension (9057)	2 years full-time 4 years part-time	Online Face-to-face	16 courses (96 UOC)	8 core courses (48 UOC) 4 elective courses (24 UOC) Extension courses (24 UOC)
Masters in Public Health / Global Health with Extension (9052)	2 years full-time 4 years part-time	Online Face-to-face	16 courses (96 UOC)	5 core courses (30 UOC) 7 Elective courses (42 UOC) Extension courses (24 UOC)
Masters in Public Health / Infectious Diseases Intelligence with Extension (9363)	2 years full-time 4 years part-time	Online Face-to-face	16 courses (96 UOC)	7 core courses (42 UOC) 5 Elective courses (30 UOC) Extension courses (24 UOC)
Masters in Public Health with Extension / Infectious Diseases Intelligence (9366)	2 years full-time 4 years part-time	Online Face-to-face	16 courses (96 UOC)	7 core courses (42 UOC) 5 Elective courses (30 UOC) Extension courses (24 UOC)

Articulation

The Graduate Certificate and Graduate Diploma in Public Health articulate into the Master of Public Health program.

Online Handbook

For more details on the Public Health program see the Online Handbook: www.handbook.unsw.edu.au



Health Leadership and Management Program

The Health Leadership and Management program is the oldest and largest health management program in Australia. For over 60 years it has provided students with the essential knowledge, skills and attributes required to undertake challenging senior leadership and managerial roles in health services in Australia and globally.

The Health Leadership and Management program is designed to meet the education needs of current and aspiring leaders and managers in health systems and services, both in Australia and globally.

The objective of the program is to develop work-ready leaders who can drive change, enhance quality, and develop and execute well-considered management decisions to impact the health service and systems in which they work.

This degree will broaden graduates' understanding of the current and emerging influences on the health sector. They will gain the theoretical understanding and practical skills necessary for leadership and management across strategic planning, policy development, change management, financial management, health economics, evidence-informed decision-making, clinical governance, risk management, quality improvement, integrated care, patient safety and value-based healthcare.

Our alumni currently have leadership roles in public and private healthcare sector services spanning hospital, community, aged, primary and allied healthcare. Many of our graduates take up health system-level positions in Ministries and Departments of Health, government departments, units and services relevant to population health, and non-government and voluntary organisations across Australia and around the world.



"My degree has already proven immensely useful in my day-to-day managerial duties. It's provided me with essential skills to be a caring and inspiring leader, and an effective and responsible manager. The degree has laid a strong foundation for my ongoing personal and professional development, which will ultimately contribute to safer and better care of my patients."

Eva Wegner

Head of Department of Nuclear Medicine, Prince of Wales Hospital and Community Health Services

Key features

- **Accredited program**

This degree is accredited by the Australasian College of Health Service Management (ACHSM) and the Royal Australasian College of Medical Administrators (RACMA). It also provides the core competencies required for individuals wishing to apply for RACMA Fellowship.

- **Research extension options**

The Master of Health Leadership and Management (Extension) gives you the opportunity to extend your knowledge and skills in health services research through additional research methodology courses and/or an advanced research project. Opportunities are available to progress from a coursework master's degree that includes a research component to enrolment in a PhD.

- **Dual degree options**

Make the most of your studies by completing two master's degrees within 1.7 years. You can combine this degree with the master's programs in public health, global health or infectious diseases intelligence. Studying two programs concurrently enhances your career prospects and gives you the opportunity to combine knowledge and skills from two related disciplines.

- **Industry relevant program**

This program was designed to be relevant to the workplace, with many opportunities to apply theoretical knowledge to practice. One such opportunity is our internship program, where

you'll gain practical experience in relevant health organisations. We offer a range of domestic and international internship placements in Australia, Asia and the Pacific.

- **Flexible delivery**

Complete your study from anywhere in the world. This degree provides flexible learning options so you can complete the degree according to your needs and commitments. Courses can be taken online or face-to-face, full-time or part-time. Our online learning spaces facilitate collaborative learning so you can connect with fellow students and course convenors in real-time.

Future careers

There's strong demand for health management professionals in the public and private health sectors, both within Australia and globally. Students will develop transferable leadership skills that can be applied throughout their career into senior management positions at health service and health system levels. This degree is ideal if you're looking at a career in:

- health services general management
- health services c-suite roles
- government and non-government policy
- medical communications
- medical insurance management
- non-government health service management
- health economics
- health program management
- health care consultancy

Program structure

Program	Master of Health Leadership and Management (8901)	Master of Health Leadership & Mgmt Extension (8902)	Graduate Diploma of Health Leadership & Management (5509)	Graduate Certificate of Health Leadership & Management (7360)
Program duration	1 year full-time 2 years part-time	1.7 years full-time 3 years part-time	1 year full-time 1.7 years part-time	1 year part-time
Study mode	Online Face-to-face	Online Face-to-face	Online Face-to-face	Online Face-to-face
Total courses	8 courses (48 UOC)	12 courses (72 UOC)	6 courses (36 UOC)	4 courses (24 UOC)
Course selection	5 core courses: <ul style="list-style-type: none"> • Strategy Policy and Change (6 UOC) • Healthcare Economics and Financial Management (6 UOC) • Health Leadership and Workforce Management (6 UOC) • Clinical Governance and Risk Management (6 UOC) • Evidence-Informed Decision-making (6 UOC) 3 elective courses: <ul style="list-style-type: none"> • See <i>Course Selection</i> for list of electives (18 UOC) 	5 core courses: <ul style="list-style-type: none"> • Strategy Policy and Change (6 UOC) • Healthcare Economics and Financial Management (6 UOC) • Health Leadership (6 UOC) • Clinical Governance and Risk Management (6 UOC) • Evidence-Informed Decision-making (6 UOC) 3 elective courses: <ul style="list-style-type: none"> • See <i>Course Selection</i> for list of electives (18 UOC) Extension courses: <ul style="list-style-type: none"> • Additional electives which include research project or research methodology course (24 UOC) 	3 core courses: <ul style="list-style-type: none"> • Strategy Policy and Change (6 UOC) • Health Leadership and Workforce Management (6 UOC) • Clinical Governance and Risk Management (6 UOC) 3 elective courses: <ul style="list-style-type: none"> • See <i>Course Selection</i> for list of electives (18 UOC) 	2 or 3 core courses: <ul style="list-style-type: none"> • Strategy Policy and Change (6 UOC) • Health Leadership and Workforce Management (6 UOC) • Clinical Governance and Risk Management (6 UOC) 1 or 2 elective courses: <ul style="list-style-type: none"> • See <i>Course Selection</i> for list of electives (6-12 UOC)

Entry requirements

Applicants are required to have either:

- An undergraduate degree in a field relevant to public health or health management (see list below)* and two years full-time professional or volunteer experience. This may also include equivalent professional experience acquired as part of a degree of 4 or more years duration (e.g. MBBS, MD); OR

- An undergraduate degree plus an honours or postgraduate degree in a field relevant to public health or health management (see list below)*.

**Examples include, but are not restricted to: medicine, nursing, allied health, health sciences, biomedical sciences, dentistry, social work, sociology, behavioural and social sciences, psychology, marketing, human services, emergency services, environmental health, veterinary science, health administration, business, management, engineering, law, science, mathematics and statistics, economics, policy studies and development studies.*

Health Leadership and Management Dual Degrees

Health Leadership and Management dual degrees enable students to make the most of their studies by completing two degrees concurrently. Two options are available: 1) complete two degrees in 1.7 years full-time; or 2) complete two degrees in 2 years full-time which option includes an extension component where students complete additional electives including a research project or a research methodology course.

HEALTH LEADERSHIP AND MANAGEMENT DUAL DEGREES – 1.7 YEARS

Program	Program duration	Study mode	Total courses	Course selection
Masters in Health Leadership and Management / Public Health (9047)	1.7 years full-time 3 years part-time	Online Face-to-face	12 courses (72 UOC)	8 core courses (48 UOC) 4 elective courses (24 UOC)
Masters in Health Leadership and Management / Global Health (9044)	1.7 years full-time 3 years part-time	Online Face-to-face	12 courses (72 UOC)	8 core courses (48 UOC) 4 elective courses (24 UOC)
Masters in Health Mgmt / Infectious Diseases Intelligence (9041)	1.7 years full-time 3 years part-time	Online Face-to-face	12 courses (72 UOC)	9 core courses (54 UOC) 3 elective courses (18 UOC)

HEALTH LEADERSHIP AND MANAGEMENT DUAL DEGREES – 2 YEARS WITH RESEARCH EXTENSION

Program	Program duration	Study mode	Total courses	Course selection
Masters in Health Leadership and Management with Extension / Public Health (9057)	2 years full-time 4 years part-time	Online Face-to-face	16 courses (96 UOC)	8 core courses (48 UOC) 4 elective courses (24 UOC) Extension courses (24 UOC)
Masters in Health Leadership and Management with Extension / Global Health (9058)	2 years full-time 4 years part-time	Online Face-to-face	16 courses (96 UOC)	8 core courses (48 UOC) 4 Elective courses (24 UOC) Extension courses (24 UOC)
Masters in Health Leadership and Management / Public Health with Extension (9056)	2 years full-time 4 years part-time	Online Face-to-face	16 courses (96 UOC)	8 core courses (48 UOC) 4 elective courses (24 UOC) Extension courses (24 UOC)
Masters in Health Leadership and Management / Global Health with Extension (9053)	2 years full-time 4 years part-time	Online Face-to-face	16 courses (96 UOC)	8 core courses (48 UOC) 4 Elective courses (24 UOC) Extension courses (24 UOC)
Masters in Health Leadership and Management / Infectious Diseases Intelligence with Extension (9365)	2 years full-time 4 years part-time	Online Face-to-face	16 courses (96 UOC)	9 core courses (54 UOC) 3 Elective courses (18 UOC) Extension courses (24 UOC)
Masters in Health Leadership and Mgmt with Extension / Infectious Diseases Intelligence (9368)	2 years full-time 4 years part-time	Online Face-to-face	16 courses (96 UOC)	9 core courses (54 UOC) 3 Elective courses (18 UOC) Extension courses (24 UOC)

Articulation

The Graduate Certificate and Graduate Diploma in Health Leadership and Management articulate into the Master of Health Leadership and Management program.

Online Handbook

For more details on the Health Management program see the Online Handbook: www.handbook.unsw.edu.au



Global Health Program

The Global Health program equips graduates with the knowledge and skills in public health required to overcome a broad range of highly complex population health issues in local and global settings.

Students will learn an interdisciplinary approach to global health education. With an underpinning in public health, the program examines disease control, comparative analysis of global health systems, health promotion and health policy across a wide range of populations and countries. In addition, the program examines power and politics in global health, key global health debates and philosophy. It addresses issues around globalisation and health, decolonisation, health and human rights, the environment, urban expansion and population growth.

Our Global Health program trains global health leaders of tomorrow who are work-ready, robust and flexible to work across many settings and jurisdictions. Students will graduate with a firm understanding of global health issues, advanced disciplinary knowledge and technical capacities, as well as the passion to drive solutions in global health. Gain confidence in your skills and learn to lead and work with people from diverse backgrounds. Students will be taught by our experienced multidisciplinary team of research active academics who work across the Asia-Pacific and sub-Saharan African regions and beyond.

Key features

- **Reworked program**
From 2021 this degree, formerly known as the Master of International Public Health, transitioned into the Master of Global Health. The new degree name is a result of some introspection about the School of Population Health's approach to global health teaching and research and signals the School's evolved approach. The reworked program is informed by a



"My degree has given me a greater understanding of how to empower and encourage people to have agency over their own health, which I believe is key for public health and health promotion. It has taught me how to critically evaluate evidence-based research and how to interpret data relating to epidemiology. It is my hope that I will be able to use all that I have learnt to make a difference in the health of individuals living in developing countries."

Rachel Karsten

UNSW Graduate

commitment to address health issues that transcend national boundaries and focus on reducing inequities, moving away from a more North-South, development focused approach to health.

- **Research extension options**

The Master of Global Health (Extension) gives you the opportunity to extend your knowledge and skills in public health research through additional research methodology courses and/or an advanced research project. Opportunities are also available to progress from a coursework master's degree that includes a research component to enrolment in a PhD.

- **Dual degree options**

Make the most of your studies by completing two master's degrees within 1.7 years. You can combine this degree with the master's programs in health leadership and management, public health or infectious diseases intelligence. Studying two programs concurrently enhances your career prospects and gives you the opportunity to combine knowledge and skills from two related disciplines.

- **Industry relevant program**

This program was designed to be relevant to the workplace, with many opportunities to apply theoretical knowledge to practice. One such opportunity is our internship program, where you'll gain practical experience in relevant health organisations. We offer a range of domestic and international internship placements in Australia, Asia and the Pacific.

- **Flexible delivery**

Complete your study from anywhere in the world. This degree provides flexible learning options so you can complete the degree according to your needs and commitments. Courses can be taken online or face-to-face, full-time or part-time. Our online learning spaces facilitate collaborative learning so you can connect with fellow students and course convenors in real-time.

Future careers

There's strong demand for global health professionals in the public and private health sectors, both within Australia and internationally. Our graduates typically find work through a range of employers, including bilateral and multilateral international aid organisations, UN-based organisations, civil society and NGOs, private foundations, health departments, academia and development-based organisations. The Master of Global Health can lead to a career in:

- government departments and ministries of health
- public health networks
- local area health services
- universities and research institutes
- international health policy and funding institutions
- non-governmental agencies
- mental health services
- Indigenous health organisations.

Program structure

Program	Master of Global Health (9048)	Master of Global Health Extension (9051)	Graduate Diploma of Global Health (5567)	Graduate Certificate of Global Health (7367)
Program duration	1 year full-time 2 years part-time	1.7 years full-time 3 years part-time	1 year full-time 1.7 years part-time	1 year part-time
Study mode	Online Face-to-face	Online Face-to-face	Online Face-to-face	Online Face-to-face
Total courses	8 courses (48 UOC)	12 courses (72 UOC)	6 courses (36 UOC)	4 courses (24 UOC)
Course selection	4 core courses: <ul style="list-style-type: none"> Global Health and Development (6 UOC) Health Promotion and Social Perspectives of Health (6 UOC) Foundations of Epidemiology (6 UOC) Foundations of Biostatistics (6 UOC) 4 elective courses: <ul style="list-style-type: none"> Students must take at least 3 Global Health electives plus 1 other elective (24 UOC) See <i>Course Selection</i> for list of electives 	4 core courses: <ul style="list-style-type: none"> Global Health and Development (6 UOC) Health Promotion and Social Perspectives of Health (6 UOC) Foundations of Epidemiology (6 UOC) Foundations of Biostatistics (6 UOC) 4 elective courses: <ul style="list-style-type: none"> Students must take at least 3 Global Health electives plus 1 other elective (24 UOC) See <i>Course Selection</i> for list of electives Extension courses: <ul style="list-style-type: none"> Additional electives which include research project or research methodology course (24 UOC) 	2 core courses: <ul style="list-style-type: none"> Global Health and Development (6 UOC) Health Promotion and Social Perspectives of Health (6 UOC) 4 elective courses: <ul style="list-style-type: none"> Students must take at least 3 Global Health electives plus 1 other elective (24 UOC) See <i>Course Selection</i> for list of electives 	1 core course: <ul style="list-style-type: none"> Global Health and Development (6 UOC) 3 Global Health electives: <ul style="list-style-type: none"> Students must take 3 Global Health electives (18 UOC) See <i>Course Selection</i> for list of electives

Entry requirements

Applicants are required to have either:

- An undergraduate degree in a field relevant to public health or health management (see list below)* and two years full-time professional or volunteer experience. This may also include equivalent professional experience acquired as part of a degree of 4 or more years duration (e.g. MBBS, MD); OR

- An undergraduate degree plus an honours or postgraduate degree in a field relevant to public health or health management (see list below)*.

**Examples include, but are not restricted to: medicine, nursing, allied health, health sciences, biomedical sciences, dentistry, social work, sociology, behavioural and social sciences, psychology, marketing, human services, emergency services, environmental health, veterinary science, health administration, business, management, engineering, law, science, mathematics and statistics, economics, policy studies and development studies.*

Global Health Dual Degrees

Global Health dual degrees enable students to make the most of their studies by completing two degrees concurrently. Two options are available: 1) complete two degrees in 1.7 years full-time; or 2) complete two degrees in 2 years full-time which option includes an extension component where students complete additional electives including a research project or a research methodology course.

GLOBAL HEALTH DUAL DEGREES – 1.7 YEARS

Program	Program duration	Study mode	Total courses	Course selection
Masters in Global Health / Public Health (9043)	1.7 years full-time 3 years part-time	Online Face-to-face	12 courses (72 UOC)	5 core courses (30 UOC) 7 elective courses (42 UOC)
Masters in Global Health / Health Leadership & Management (9044)	1.7 years full-time 3 years part-time	Online Face-to-face	12 courses (72 UOC)	8 core courses (48 UOC) 4 elective courses (24 UOC)
Masters in Global Health / Infectious Diseases Intelligence (9042)	1.7 years full-time 3 years part-time	Online Face-to-face	12 courses (72 UOC)	7 core courses (42 UOC) 5 elective courses (30 UOC)

GLOBAL HEALTH DUAL DEGREES – 2 YEARS WITH RESEARCH EXTENSION

Program	Program duration	Study mode	Total courses	Course selection
Masters in Global Health with Extension / Public Health (9052)	2 years full-time 4 years part-time	Online Face-to-face	16 courses (96 UOC)	5 core courses (30 UOC) 7 elective courses (42 UOC) Extension courses (24 UOC)
Masters in Global Health with Extension / Health Leadership and Management (9053)	2 years full-time 4 years part-time	Online Face-to-face	16 courses (96 UOC)	8 core courses (48 UOC) 4 Elective courses (24 UOC) Extension courses (24 UOC)
Masters in Global Health / Public Health with Extension (9054)	2 years full-time 4 years part-time	Online Face-to-face	16 courses (96 UOC)	5 core courses (30 UOC) 7 elective courses (42 UOC) Extension courses (24 UOC)
Masters in Global Health / Health Leadership and Management with Extension (9058)	2 years full-time 4 years part-time	Online Face-to-face	16 courses (96 UOC)	8 core courses (48 UOC) 4 Elective courses (24 UOC) Extension courses (24 UOC)
Masters in Global Health / Infectious Diseases Intelligence with Extension (9364)	2 years full-time 4 years part-time	Online Face-to-face	16 courses (96 UOC)	7 core courses (42 UOC) 5 Elective courses (30 UOC) Extension courses (24 UOC)
Masters in Global Health with Extension / Infectious Diseases Intelligence (9367)	2 years full-time 4 years part-time	Online Face-to-face	16 courses (96 UOC)	7 core courses (42 UOC) 5 Elective courses (30 UOC) Extension courses (24 UOC)

Articulation

The Graduate Certificate and Graduate Diploma in Global Health articulate into the Master of Global Health program.

Online Handbook

For more details on the Global Health program see the Online Handbook: www.handbook.unsw.edu.au



Infectious Diseases Intelligence Program

Understand disease intelligence, identify epidemic patterns, investigate outbreaks and develop disease control strategies. This program provides exposure to real-world scenarios that infectious diseases professionals face in Australia and internationally.

Despite our improved understanding of the epidemiology and control of infectious diseases, emerging and re-emerging infectious diseases pose ongoing threats to global health security. The Infectious Disease Intelligence program takes a cross-sector approach to the prevention and control of infectious diseases.

Gain the advanced disciplinary knowledge and skills required to improve population health outcomes in the control of infectious diseases and health emergencies, across a range of contexts and settings.

You will graduate with an advanced understanding of the public health aspects of infectious disease surveillance and intelligence, outbreak investigation and response, and infection prevention and mitigation. Graduates will gain a sophisticated understanding of epidemic patterns and the critical analysis and application of this knowledge for real-world impact.

Our Infectious Diseases Intelligence program is designed for professionals wanting to gain an advanced understanding of infectious diseases intelligence in the era of emerging disease threats, as well as management approaches for the identification, assessment, prevention and control of infectious diseases.

Students may enrol in a general Master of Infectious Disease Intelligence degree, an extension degree (which includes a research component), a dual degree or a dual degree with a research component. This program can also be taken as a Plus



"After finishing my MSc – Epidemiology I was looking to specialise in infectious diseases and after much research I found that the degree UNSW was offering was the best one in Australia. The tutorials especially allowed for discussions on personal experiences which opened a whole new door into public health around the globe. I also very much enjoyed my internship with Health Protection NSW. It gave me a real insight into having a career in government and infectious diseases. Honestly this has been the most rewarding university experience I've had."

Kathleen McKenzie

Administrative Officer, NSW Health

Alliance program, with online electives available from Arizona State University.

Key features

- **Wide range of career opportunities**
Our graduates find work across a range of employers, including ministries and departments of health, government organisations, NGOs, international health organisations and primary care and community healthcare services in both public and private sectors.
- **Research extension options**
The Master of Infectious Diseases Intelligence (Extension) gives you the opportunity to extend your knowledge and skills in research through additional research methodology courses and/or an advanced research project. Opportunities are available to progress from a coursework master's degree that includes a research component to enrolment in a PhD.
- **Dual degree options**
Make the most of your studies by completing two master's degrees within 1.7 years. You can combine this degree with the master's programs in health leadership and management, public health or global health. Studying two programs concurrently enhances your career prospects and gives you the opportunity to combine knowledge and skills from two related disciplines.
- **Industry relevant program**
This program was designed to be relevant to the workplace, with many opportunities to apply theoretical knowledge to practice. One such

opportunity is our internship program, where you'll gain practical experience in relevant health organisations. We offer a range of domestic and international internship placements in Australia, Asia and the Pacific.

- **Flexible delivery**
Complete your study from anywhere in the world. This degree provides flexible learning options so you can complete the degree according to your needs and commitments. Courses can be taken online or face-to-face, full-time or part-time. Our online learning spaces facilitate collaborative learning so you can connect with fellow students and course convenors in real-time.

Future careers

There's strong demand for infectious diseases professionals in the public and private health sectors, both within Australia and internationally. Our graduates typically find work across a range of employers, including ministries and departments of health, government organisations, NGOs, and primary care and community healthcare services. Our graduates have successful careers and play crucial roles in infectious disease control and response around the world. The areas you'll be able to work in include:

- government departments and ministries of health
- International health organisations and NGOs
- international aid agencies
- military and first responder organisations
- health education and advocacy
- research

Program structure

Program	Master of Infectious Diseases Intelligence (8362)	Master of Infectious Diseases Intelligence Extension (9362)	Graduate Diploma in Infectious Diseases Intelligence (5362)	Graduate Certificate in Infectious Diseases Intelligence (7362)
Program duration	1 year full-time 2 years part-time	1.7 years full-time 3 years part-time	1 year full-time 1.7 years part-time	1 year part-time
Study mode	Online Face-to-face	Online Face-to-face	Online Face-to-face	Online Face-to-face
Total courses	8 courses (48 UOC)	12 courses (72 UOC)	6 courses (36 UOC)	4 courses (24 UOC)
Course selection	5 core courses: <ul style="list-style-type: none"> Infectious Diseases Challenges: Epidemiology and Control (6 UOC) Outbreak Investigation & Intelligence (6 UOC) Bioterrorism & Health Intelligence (6 UOC) Foundations of Epidemiology (6 UOC) Foundations of Biostatistics (6 UOC) 3 elective courses: <ul style="list-style-type: none"> 1 Infectious Diseases elective plus 2 other electives (18 UOC) See <i>Course Selection</i> for list of electives 	5 core courses: <ul style="list-style-type: none"> Infectious Diseases Challenges: Epi & Control (6 UOC) Outbreak Investigation & Intelligence (6 UOC) Bioterrorism & Health Intelligence (6 UOC) Foundations of Epidemiology (6 UOC) Foundations of Biostatistics (6 UOC) 3 elective courses: <ul style="list-style-type: none"> 1 Infectious Diseases elective plus 2 other electives (18 UOC) See <i>Course Selection</i> for list of electives Extension courses: <ul style="list-style-type: none"> Additional electives which include research project or research methodology course (24 UOC) 	3 core courses: <ul style="list-style-type: none"> Infectious Diseases Challenges: Epidemiology and Control (6 UOC) Outbreak Investigation & Intelligence (6 UOC) Bioterrorism & Health Intelligence (6 UOC) 3 elective courses: <ul style="list-style-type: none"> Students must take at least 1 Infectious Diseases elective plus 2 other electives (18 UOC) See <i>Course Selection</i> for list of electives 	2 core courses: <ul style="list-style-type: none"> Outbreak Investigation & Intelligence (6 UOC) Bioterrorism & Health Intelligence (6 UOC) 2 elective courses: <ul style="list-style-type: none"> Students must take at least 1 Infectious Diseases elective plus 1 other elective (12 UOC) See <i>Course Selection</i> for list of electives

Entry requirements

Applicants are required to have either:

- An undergraduate degree in a field relevant to public health or health management (see list below)* and two years full-time professional or volunteer experience. This may also include equivalent professional experience acquired as part of a degree of 4 or more years duration (e.g. MBBS, MD); OR

- An undergraduate degree plus an honours or postgraduate degree in a field relevant to public health or health management (see list below)*.

**Examples include, but are not restricted to: medicine, nursing, allied health, health sciences, biomedical sciences, dentistry, social work, sociology, behavioural and social sciences, psychology, marketing, human services, emergency services, environmental health, veterinary science, health administration, business, management, engineering, law, science, mathematics and statistics, economics, policy studies and development studies.*

Infectious Diseases Intelligence Dual Degrees

Infectious Diseases Intelligence dual degrees enable students to make the most of their studies by completing two degrees concurrently. Two options are available: 1) complete two degrees in 1.7 years full-time; or 2) complete two degrees in 2 years full-time which option includes an extension component where students complete additional electives including a research project or a research methodology course.

INFECTIOUS DISEASES INTELLIGENCE DUAL DEGREES – 1.7 YEARS

Program	Program duration	Study mode	Total courses	Course selection
Masters in Infectious Diseases Intelligence / Public Health (9059)	1.7 years full-time 3 years part-time	Online Face-to-face	12 courses (72 UOC)	7 core courses (42 UOC) 5 elective courses (30 UOC)
Masters in Infectious Diseases Intelligence / Health Leadership and Management (9041)	1.7 years full-time 3 years part-time	Online Face-to-face	12 courses (72 UOC)	9 core courses (54 UOC) 3 elective courses (18 UOC)
Masters in Infectious Diseases Intelligence / Global Health (9042)	1.7 years full-time 3 years part-time	Online Face-to-face	12 courses (72 UOC)	7 core courses (42 UOC) 5 elective courses (30 UOC)

INFECTIOUS DISEASES INTELLIGENCE DUAL DEGREES – 2 YEARS WITH RESEARCH EXTENSION

Program	Program duration	Study mode	Total courses	Course selection
Masters in Infectious Diseases Intelligence with Extension / Public Health (9363)	2 years full-time 4 years part-time	Online Face-to-face	16 courses (96 UOC)	7 core courses (42 UOC) 5 elective courses (30 UOC) Extension courses (24 UOC)
Masters in Infectious Diseases Intelligence with Extension / Global Health (9364)	2 years full-time 4 years part-time	Online Face-to-face	16 courses (96 UOC)	7 core courses (42 UOC) 5 Elective courses (30 UOC) Extension courses (24 UOC)
Masters in Infectious Diseases Intelligence / Public Health with Extension (9366)	2 years full-time 4 years part-time	Online Face-to-face	16 courses (96 UOC)	7 core courses (42 UOC) 5 elective courses (30 UOC) Extension courses (24 UOC)
Masters in Infectious Diseases Intelligence / Global Health with Extension (9367)	2 years full-time 4 years part-time	Online Face-to-face	16 courses (96 UOC)	7 core courses (42 UOC) 5 Elective courses (30 UOC) Extension courses (24 UOC)
Masters in Infectious Diseases Intelligence with Extension / Health Leadership & Management (9365)	2 years full-time 4 years part-time	Online Face-to-face	16 courses (96 UOC)	9 core courses (54 UOC) 3 Elective courses (18 UOC) Extension courses (24 UOC)
Masters in Infectious Diseases Intelligence / Health Leadership and Management with Extension (9368)	2 years full-time 4 years part-time	Online Face-to-face	16 courses (96 UOC)	9 core courses (54 UOC) 3 Elective courses (18 UOC) Extension courses (24 UOC)

Articulation

The Graduate Certificate and Graduate Diploma in Infectious Diseases Intelligence articulate into the Master of Infectious Diseases Intelligence program.

Online Handbook

For more details on the Infectious Diseases Intelligence program see the Online Handbook:
www.handbook.unsw.edu.au

Degree Specialisations

There are a number of specialisations offered by the School which enable students to complete a specialised program of study as part of their degree. Specialisations are available in the Master of Public Health, Master of Global Health, Extension programs and Dual Degrees.



Aboriginal Health and Wellbeing (MPH)

Offers innovative learning experiences that enable students to gain the understanding and skills to contribute effectively to improving Aboriginal and Torres Strait Islander health. Designed to stimulate transformational learning and enhance application of public health skills and principles to virtually any health or social discipline.



Epidemiology (MPH)

Equips graduates with knowledge of the principles of quantitative research methods that underpin public health programs and policies. The stream is aimed at students and professionals interested in learning the skills required to apply epidemiological and biostatistical skills in their future careers and those wishing to begin the transition to a career in quantitative research methods in public health.



Health Economic Evaluation (MPH)

Provides students with an understanding of the use and purpose of economic analyses in healthcare and the required skills to apply economic evaluation to assess the costs and benefits of healthcare programs. Aimed at students interested in learning the skills required to apply and/or understand health economic evaluations in their future careers.



Health Promotion (MPH)

Foundation for all areas of public health, as contemporary practice across all disciplines which requires consideration of the social determinants, incorporation of health in all policies, with attention to meeting the equity gaps and promoting social justice. Focuses on social understandings of health and a multi-sectoral approach to promoting health through research, practice, policy and advocacy.



Infectious Diseases Control (MPH, MGH)

Provides advanced knowledge and skills in the principles and practice of infectious diseases and control. Core competencies include the principles and practice of disease surveillance, fundamentals of outbreak investigation, and methods of disease control including vaccination, treatment programs and methods for the control of emerging infections such as pandemic influenza.



International Health (MPH)

Provides students from developing countries with skills and knowledge to address key health issues in their home countries, as well as enabling Australian students to contribute effectively to international health development. This stream aims to ensure that participants are familiar with the global context for health and development from a public health perspective.



Primary Health Care (MPH)

Primary Health Care seeks to extend the first level of the health system from sick care to the development of health. It is recognised as a critical component of any health service, with the potential to improve the efficiency and effectiveness of the whole health system. This specialisation equips students to contribute and respond to current developments in primary health care services.



Public Security (MPH)

For students who want a strong grounding in public health combined with the health aspects of disasters, emergency management and crises including epidemics. It is particularly aimed at first-responders, analysts or policy makers from health, emergency management, law enforcement, military or other relevant backgrounds.



Social Research (MPH)

Provides students with training in sociological conceptualisations of health and in approaches to health issues using both quantitative / epidemiological and qualitative / interpretive methods. Focuses on the social aspects of health and social approaches to addressing public health problems. To address social causes of health problems one needs to use the resources of the full range of social sciences.

Internship

The internship course provides students with the opportunity to gain real-world experience in a relevant partner/organisation through a workplace internship.

An internship is available for high achieving students enrolled in postgraduate coursework programs at the School of Population Health.

A number of health organisations locally and internationally are partnering with the School to offer workplace activities with which students can meaningfully engage.

Interns have an opportunity to make valuable contributions to organisational initiatives involving areas such as policy, planning and evaluation associated with the delivery of healthcare services, or the preparation, appraisal, implementation or evaluation of population health related projects.

The internship placement is a 6 unit of credit (UOC) elective which can be completed as part of your degree (single or dual mode). Placements are advertised at certain times during the year and are in high demand. Successful applicants are selected on merit. Placements will be awarded based on the outcomes of a written application. In order to be eligible to enrol, students must have completed at least 24 UOC prior to enrolling and achieved at least a credit point average (single degree/full-time students are allowed to apply prior to completing 24 UOC).

If you are interested in undertaking an internship, it is important to look out for the announcements via the student newsletter or contact the course staff for further information.

NEED MORE DETAILS ABOUT THE INTERNSHIP?

Email: wil.central@unsw.edu.au

Website: sph.med.unsw.edu.au/course/phcm9143

I was very keen to get some real-world experience in public health to supplement my university MPH/MIPH studies. I had previously only worked in clinical environments and felt that completing some work experience in a supportive environment would assist me with successfully shifting towards working in a public health environment.



There were many rewarding aspects of my internship placement, but I particularly appreciated the opportunity to experience public health in action after learning the theory during my studies. I completed my placement during a time in which several measles cases were notified in NSW, so experienced the significant public health response to these notifications and assisted with outbreak control activities such as issuing media alerts, contact tracing, using the Australian Immunisation Register to verify vaccination histories and also assisted at a measles vaccination clinic. I witnessed the strong collaborative and multi-disciplinary approach required to achieve communicable disease control, particularly the interaction between the Ministry of Health and the local Public Health Units.

I would definitely recommend the internship program to other students who would like to consolidate the knowledge and skills they have learnt during their studies, gain practical public health experience and strengthen their professional networks in public health.

I completed my internship during the last term of my studies and was fortunate that a job opportunity I was newly eligible for arose during the last week of my placement. I applied for this job with my internship experience prominent within my application and am sure that the experience and skills I gained during my internship helped me to secure this position and transition smoothly into the public health workforce.

Caitlin Swift, Internship
Master of Public Health / International Public Health

Research Projects

A research project may be taken as part of any Master's coursework degree. The project comprises an in-depth study of a relevant public health, health leadership and management, global health or infectious diseases intelligence issue or topic which may be in the form of a small-scale research study, a case study, a program evaluation or a report on field placement.

Students should start planning their project at a minimum during the term prior to enrolment as it often takes time to fine-tune your proposal, find a relevant supervisor and obtain necessary approvals to undertake the study.

Candidates who choose a topic early in their degree are able to select complementary elective courses, and carry out a considerable amount of the preparation through their assignments.

Although candidates are advised to start planning a project early in their program, it is normally undertaken after completion of all core courses.

Students wishing to enrol in a project must achieve a WAM of 75 or above after completion of at least 18 UOC of their program. Students wishing to enrol in a project must obtain permission.

If you are interested in enrolling in a Research Project for 6, 12 or 18 UOC you must complete an *Application to undertake a Project* which will be evaluated by the School before acceptance into the course.

NEED MORE DETAILS ABOUT RESEARCH PROJECTS?

Website: sph_med.unsw.edu.au/current-students/postgraduate-coursework/research-project

I decided to enrol at the School primarily because it offers a dual degree in both Public Health and Health Management. As a young clinician, I wanted to build a strong theoretical foundation in both fields to ease my transition out of clinical medicine and yet have the flexibility to choose my future career. The dual degree enabled me to truly seek out my interests, develop them and forge my own career path ahead.



The most important thing I have learned in my studies is the importance of research and evidence-based practice. Research is the foundation upon which knowledge, behavior and practice rests. The School has helped me hone my research and critical thinking skills and transfer them into practical work in my daily life. The research-oriented courses and practical opportunities has taught me to have an open mind, question everything, experiment and form my own opinion based on multiple opinions and experiences.

The thing I have enjoyed the most about my studies is the unique pedagogy of the School and UNSW itself. The assignments have not only challenged me to think outside the box, but have also allowed me to focus on my individual interests. This has enabled me to widen my horizons, participate, contribute and continually self-reflect, thus enriching my journey through the program.

This degree will assist in my endeavour to transition from clinical medicine to a full-time researcher and public health practitioner. It has given me a solid base upon which to build my practical experiences in public health. Through my degree I have developed communication skills, leadership skills and a global perspective which will allow me to look at issues in my own country through a new lens and develop novel approaches to tackle public health threats in India.

Dr Nikita Bathla

Master of Health Management / International Public Health
UNSW Future of Change Scholar



Research Programs

Research is a fundamental part of the work of the School of Population Health, addressing a number of key local, national and global public health issues. The School has a vibrant, thriving research culture and a pipeline for research development from research students to post-doctoral researchers and senior research leaders, which makes it one of the leading research schools in Australia.

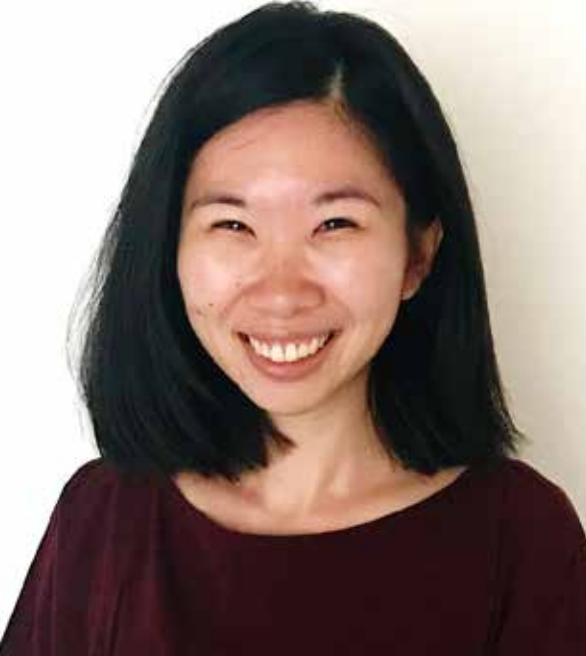
Our School offers excellent research programs to public health and health service researchers aimed at beginner, intermediate and experienced levels. Options are available for research only degrees (PhD and Masters by Research) or combined coursework and research (Masters of Philosophy). The School also offers a unique Professional Doctorate of Applied Public Health (DrPh).

Our largest areas of research strength are in infectious diseases, global health, primary health care, epidemiology, injury prevention & disaster management, health systems leadership & management, and non-communicable diseases. We have expertise in many other areas, including quantitative and qualitative research methodologies, health promotion and health professional education. Our academic staff include social scientists, qualitative researchers, clinical researchers, epidemiologists, biostatisticians and mathematical modellers.

The School has over 150 research degree candidates from around the country and internationally, as well as talented post-doctoral researchers conducting a range of exciting research programs, reflecting a fertile environment for the growth of talented early career researchers.

Research programs overview

DOCTOR OF PHILOSOPHY (PhD) (1835)	
Program Overview	The Doctor of Philosophy (PhD) program is recognition of successful research experience. The PhD is designed as advanced research in a specialised area and comprises 100% research. Candidates are expected to submit an original thesis which substantially contributes to knowledge in the field.
Program Duration	3-4 years full-time; 6-8 years part-time
Program requirements	144 UOC The length of a doctoral thesis normally should not exceed 100,000 words of text and should be submitted for examination within 3 years of full-time study.
Program structure	Candidates may undertake their research with a part-time or full-time load as an internal student at the University, at one of its teaching hospitals or a research facility with which the University is associated, or as an external student not in attendance at the University except for periods as may be prescribed by the Higher Degree Research Committee.
Entry Requirements	<p>(a) Candidates with an Honours degree (at least class 2 division 1) in a relevant discipline, or with an MBBS from an Australian or New Zealand university, are in general considered eligible for admission to a PhD program; or</p> <p>(b) Candidates with Honours below class 2 division 1, or who have not been awarded an Honours degree, need to demonstrate appropriate research experience and are in general considered eligible for admission to a PhD program if able to provide evidence of first authorship on at least one refereed paper in a journal of sufficient standing. However, first authorship on a publication is not an absolute prerequisite and the eligibility of all such candidates is determined on a case-by-case basis.</p> <p>See Handbook for further information on Entry Requirements.</p>
PROFESSIONAL DOCTORATE OF PUBLIC HEALTH (DrPH) (1836)	
Program Overview	The DrPH is a work-place based professional doctorate for candidates identified by the workplace as future leaders in whom they want to invest for the benefit of the workplace. The degree will provide coursework and training in applied research skills relevant to Public Health. The DrPH will involve intensive, structured coursework around the core competencies as well as practice-based placements in the field, and submission of a thesis. The training is provided while candidates work full-time in their workplace, with a week of intensive workshops each year.
Program Duration	3-4 years full-time; 6-8 years part-time
Program requirements	144 UOC
Program structure	Traditionally higher degrees have focused on ensuring the development of research and critical thinking skills in individuals. Professional doctorates do the same, but reflect health practice in the workplace and also incorporate real time, real work benefits for candidates and employers. Because your research focuses on your workplace, you receive the benefit of being able to integrate your studies into your day-to-day work.
Entry Requirements	<p>Candidates must have three years' health-related work experience, be nominated by the partnering workplace and have a Master of Public Health or equivalent Masters level qualification. Applications will be screened, and shortlisted applicants will be interviewed.</p> <p>See Handbook for further information on Entry Requirements.</p>



"My degrees have opened up career opportunities that have allowed me to contribute to the health sector at a system level. This has been in multiple ways – from policy and program management in a not-for-profit organisation, to conducting program evaluations and developing models of care for health services as a consultant. I am confident that I will continue to use the practical skills and knowledge that I gained throughout my studies on a day-to-day basis throughout my career."

Kathryn Lim

PhD / Dual Degree Master of Public Health & International Public Health

MASTERS BY RESEARCH (2810, 2845, 2885, 2960)

Program Overview	The Masters by Research programs comprise 100% research. Candidates must demonstrate ability to undertake research by the submission of a thesis embodying the results of an original investigation. Masters by research degrees are available in: 1) Community Medicine (2810), 2) Public Health (2845), 3) Health Professions Education (2885), 4) Health Administration (2960)
Program Duration	1.5-2 years full-time; 3-4 years part-time
Program requirements	96 UOC
Program structure	An approved candidate shall be enrolled in one of the following categories: (a) full-time or part-time attendance at the University; (b) external – not in regular attendance at the University and using research facilities external to the University.
Entry Requirements	A candidate for the degree shall: (a) Have a MBBS or equivalent medical degree (including such qualifications from another country); or (b) Have been awarded a Bachelors degree, and have relevant experience in health services. In addition to (a) or (b), the candidate must have support from the proposed supervisor and the relevant Head of School. See Handbook for further information on Entry Requirements.

MASTER OF PHILOSOPHY IN PUBLIC HEALTH (MPhil) (2713)

Program Overview	The Master of Philosophy in Public Health (MPhil) is a research degree designed to provide research training for candidates aiming to develop competence in research in public health, or who aim to progress to a PhD. Research training is supplemented with coursework to provide in-depth discipline skills and/or skills in relevant research method.
Program Duration	1.5-2 years full-time; 3-4 years part-time
Program requirements	72 UOC – The MPhil comprises of 24 units of credit (UOC) of coursework selected from the Master of Public Health coursework program, and a thesis of no more than 40,000 words on an approved topic.
Program structure	All candidates will undertake the research at an approved UNSW location i.e. at a campus, teaching hospital, Area Health Service or health facility, or other research facility of the University.
Entry Requirements	A candidate for the degree: (a) Shall have been awarded a Bachelor degree in a relevant discipline from UNSW, or equivalent program from another university; (b) In exceptional cases, equivalent academic and professional qualifications as may be approved by the Higher Degree Committee. See Handbook for further information on Entry Requirements.

How to apply for Postgraduate Programs

1 Check entry requirements

2 Apply online

3 Track application

4 Accept your offer

5 Enrol in courses online

1 Check entry requirements

Entry into our coursework programs is based on the following criteria:

- An undergraduate degree in a field relevant to public health or health management (see list below)* and two years full-time professional or volunteer experience. This may also include equivalent professional experience acquired as part of a degree of 4 or more years duration (e.g. MBBS, MD); OR
- An undergraduate degree plus an honours or postgraduate degree in a field relevant to public health or health management (see list below)*.

*[*Examples include, but are not restricted to: medicine, nursing, allied health, health sciences, biomedical sciences, dentistry, social work, sociology, behavioural and social sciences, psychology, marketing, human services, emergency services, environmental health, veterinary science, health administration, business, management, engineering, law, science, mathematics and statistics, economics, policy studies and development studies.*

2 Apply online

Domestic applications

For Australian citizens, permanent residents and New Zealand citizens, applications for postgraduate coursework programs at the School of Population Health are online through the Universities Admissions Centre (UAC) Postgraduate at www.uac.edu.au

The following information should be provided with your UAC application:

- Your Curriculum Vitae
- Originals or certified copies of your academic record and proof of completion of previous degree
- Complete employment question in your UAC application giving details of roles performed in your current and previous health-related employment

Main closing date for domestic applications:

- Term 1 – 31 October 2022
- Term 2 – 30 April 2022
- Term 3 – 11 June 2022

Late closing date for domestic applications:

- Term 1 – 23 January 2022
- Term 2 – 8 May 2022
- Term 3 – 12 August 2022

International applications

International applications can be made online at www.international.unsw.edu.au/apply

The following information should be provided with your application:

- Application fee (non-refundable)
- Your Curriculum Vitae
- Originals or certified copies of your academic record and proof of completion of previous degree
- Evidence of English proficiency (see next page)

Closing date for international applications:

- Term 1 – 30 November 2022
- Term 2 – 31 March 2022
- Term 3 – 31 July 2022

English language requirements

You may be asked to provide evidence of your English proficiency to study at UNSW depending on your educational background and citizenship. English language skills are vitally important for coping with lectures, tutorials, assignments and examinations and this is why UNSW requires a minimum English language competency for enrolment. If English is not your first language, you will need to provide proof of your English proficiency before you will be given an offer to study at UNSW. For more information on English language requirements visit unsw.edu.au/english-requirements-policy.

Research applications

Prospective students must submit an application to the UNSW Graduate Research School. For details on applying for research degrees please visit the School of Population Health How to Apply for Research: sph.med.unsw.edu.au/future-students/postgraduate-research/how-apply

3 Track your application

- **Domestic applicants** may track the progress of their application online on the UAC website: www.uac.edu.au/current-applicants/managing-your-application
- **International applicants** may track the progress of their application online via the UNSW Apply Online account website: apply.unsw.edu.au

4 Accept your offer

Successful applicants will receive a letter of offer by email. Read and follow the instructions contained in your letter to accept your offer and commence your studies with UNSW Sydney. Please ensure that you accept the offer letter by the relevant deadline or the offer may lapse.

5 Enrol in courses online

After you accept your offer, you are able to enrol in your courses. Visit the UNSW Getting Started website for a step-by-step guide on Course Enrolment and Class Registration. It will explain how to update your enrolment and register for your classes: www.gettingstarted.unsw.edu.au

Course selection

As course availability is subject to change please check the School website regularly for updates.

Internal (INT) courses are conducted on-campus with face-to-face teaching. Students are expected to attend weekly classes during the term period. Many internal courses also include an online component.

External (EXT) courses are offered in distance mode using online lectures, webinars, discussion forums and other activities.

A residential week of optional workshops is held before the commencement of Term 1, 2 and 3 for a small number of courses.

All courses listed (except *PHCM9100 Academic Practice* and *Research Projects*) are worth 6 Units of Credit (UOC) each.

International students from non-English speaking countries who have not previously completed a degree in Australia or other English speaking country are required to take the core course *PHCM9100 Academic Practice* in their first term. This course is also available to all other students to assist in gaining maximum benefit from their study, particularly if returning to study after a long break. The course is offered at no charge to students and does not contribute to the UOC requirements of the degree.

An individual course which is specified as a core course in one program may be taken as an elective in another program.

Name	Code	Type	Mode	Term
Academic Practice (0 UOC)	PHCM9100	Elective	EXT, INT	T1, T2, T3
Advanced Biostatistics & Statistical Computing *	PHCM9517	Elective	EXT, INT	T3
Advanced Health Economics & Financial Management †	PHCM9082	Elective	EXT, INT	T2
Applied Research Methods for Public Health	PHCM9132	Elective	EXT, INT	T3
Bioterrorism and Health Intelligence	PHCM9789	MIDI Core	EXT, INT	T3
Epidemiological Methods ‡	PHCM9518	Elective	EXT, INT	T3
Clinical Governance & Risk Management	PHCM9748	MHLM Core	EXT, INT	T3
Communicable Disease Control in Global Health	PHCM9784	Elective	EXT, INT	T2
Community Development	PHCM9010	Elective	EXT, INT	T2
Comparative Health Care Systems	PHCM9471	Elective	EXT, INT	T1
Digital Health – Principles, Practice and Evidence	PHCM9790	Elective	EXT, INT	T3
Economic Evaluation in Health Care	PHCM9440	Elective	EXT, INT	T3
Environmental Health	PHCM9612	Elective	EXT, INT	T2
Ethics & Law in Public Health	PHCM9331	Elective	EXT, INT	T3
Evidence-Informed Decision-Making	PHCM9781	MHLM Core	EXT, INT	T3

* PHCM9795 or PHCM9498 is a prerequisite for this course

‡ PHCM9794 or PHCM9498 is a prerequisite for this course

† PHCM9441 is a prerequisite for this course

§ PHCM9498 is only available to students enrolled in 2020 or earlier

Abbreviations

MPH – Master of Public Health

MHLM – Master of Health Leadership and Management

MGH – Master of Global Health

MIDI – Master of Infectious Diseases Intelligence

Name	Code	Type	Mode	Term
Foundations in Public Health & Health Care Systems	PHCM9041	MPH Core	EXT, INT	T1
Foundations of Biostatistics	PHCM9795	MPH, MGH, MIDI Core	EXT, INT	T2
Foundations of Epidemiology	PHCM9794	MPH, MGH, MIDI Core	EXT, INT	T2
Global approaches to CVD, Diabetes & Cancer	PHCM9786	Elective	EXT, INT	T3
Global Health and Development	PHCM9605	MGH Core	EXT, INT	T1
Health Aspects of Crises, Emergencies & Disasters	PHCM9662	Elective	EXT, INT	T2
Health Impact Assessment	PHCM9628	Elective	EXT, INT	T3
Health Leadership & Workforce Management	PHCM9701	MHLM Core	EXT, INT	T2
Health Promotion & Social Perspectives of Health	PHCM9012	MPH, MGH Core	EXT, INT	T3
Healthcare Economics & Financial Management	PHCM9441	MHLM Core	EXT, INT	T1
Health Economics & Financing for Developing Countries	PHCM9443	Elective	EXT, INT	T2
Immunisation Policy & Practice	PHCM9050	Elective	EXT, INT	T3
Implementation Science	PHCM9791	Elective	EXT, INT	T3
Independent Studies	PHCM9103	Elective	EXT, INT	T1, T2, T3
Indigenous Health & Wellbeing Across the Lifespan	PHCM9632	Elective	EXT, INT	T3
Inequalities, Inequities & Health	PHCM9626	Elective	EXT, INT	T1
Infection Prevention & Control in the Healthcare Setting	PHCM9787	Elective	EXT, INT	T1
Infectious Diseases Challenges: Epidemiology & Control	PHCM9782	MIDI Core	EXT, INT	T1
Injury Epidemiology, Prevention & Control	PHCM9792	Elective	EXT, INT	T1
Internship	PHCM9143	Elective	EXT, INT	T1, T3
Maternal and Child Health	PHCM9606	Elective	EXT, INT	T3
Outbreak Investigation & Intelligence	PHCM9788	MIDI Core	EXT, INT	T3
Policy Studies	PHCM9381	Elective	EXT, INT	T2
Politics, Surveillance & Public Health	PHCM9522	Elective	EXT, INT	T1
Predictive Modelling in Public Health	PHCM9785	Elective	EXT, INT	T2
Prevention & Management of Chronic Disease	PHCM9129	Elective	EXT, INT	T3
Principles & Practice of Primary Health Care Services	PHCM9615	Elective	EXT, INT	T2
Public Health Aspects of Mental Health	PHCM9761	Elective	EXT	T2
Public Health Perspectives of Indigenous Health	PHCM9630	Elective	EXT	T1
Qualitative Research Methods	PHCM9120	Elective	EXT, INT	T2
Research Project (6 UOC)	PHCM9148	Elective	EXT, INT	T1, T2, T3
Research Project (12 UOC)	PHCM9144	Elective	EXT, INT	T1, T2, T3
Research Project (18 UOC)	PHCM9150	Elective	EXT, INT	T1, T2, T3
Strategy, Policy and Change	PHCM9391	MHLM Core	EXT, INT	T1
PLuS Alliance Arizona State University Courses				
Refer to Course Offerings page for electives available from Arizona State University – sph.med.unsw.edu.au/current-students/postgraduate-coursework/course-offerings				

Course descriptions

Most of the School's courses are offered in dual mode with students having the option to undertake courses either externally or internally:

- 1) External courses are available online without attendance on-campus; and
- 2) Internal courses are available face-to-face with scheduled classes on-campus.



Academic Practice (PHCM9100)

Compulsory for all new International students in their first term of study. Also suitable for domestic students.

Delivery Mode: 1) External Online 2) Internal On-campus

Dr Mariam Farida

Academic Practice is based around workshops designed to provide support to students in academic skills needed to successfully complete the assignments in postgraduate studies in the School. Students will be expected to bring reading and writing material that pertain to their studies in other courses. Each week skills topics will be presented and they will be linked with the materials that students deal with in their other courses. Participants will engage in critical activities on materials used in their studies ie reviewing articles, assignments, etc. There will be an opportunity to discuss issues and field questions from colleagues to develop skills in defending a particular viewpoint or position.

Advanced Biostatistics and Statistical Computing (PHCM9517)

Prerequisite: PHCM9795 or PHCM9498

Delivery Mode: 1) External Online 2) Internal On-campus

A/Prof Timothy Dobbins

At the end of this course students will be able to apply advanced biostatistical methods to their public health and clinical research and gain the required statistical skills to write a journal article or a scientific report. In particular, students will be able to correctly select the appropriate statistical analytical method to address specific research questions, conduct the analysis using statistical software, present and interpret the results appropriately and draw valid and insightful conclusions. The broad topics that will be covered in this course include: one-way analysis of variance, simple and multiple linear regression analysis, model building strategies in regression analysis to adjust for confounding and dealing with effect modification; logistic regression analysis for binary outcome data, regression analysis for count data (Poisson and Negative binomial regression), and analysis of time to event data. The learning method will include formal lectures on the topics, hands-on problem

solving tutorials and computer laboratory sessions to demonstrate the use of statistical software.

Advanced Health Economics and Financial Management (PHCM9082)

Prerequisite: PHCM9441

Delivery Mode: 1) External online 2) Internal on-campus
A/Prof Anurag Sharma

This course builds on the topics covered in *PHCM9441 Healthcare Economics and Financial Management*. This course will cover health policy related issues from economic perspective including topics such as National Health Reform, Activity based Funding, workings of health insurance markets and how demand for health care is managed given limited supply of health care. In addition, more advanced topics in financial management such as capital budgeting and costing of health services will be introduced.

Applied Research Methods for Public Health (PHCM9132)

Delivery Mode: 1) External Online 2) Internal On-campus
A/Prof Xiaoqi Feng

This course introduces the student to methods used in applied public health research. It is designed to support student preparation for future research studies. This is done through an examination of principles of research, followed by topics such as research problems or questions, literature reviews and specification of hypotheses, principles of quantitative and qualitative research, ethics, time management and planning.

Bioterrorism and Health Intelligence (PHCM9789)

Delivery Mode: 1) External Online 2) Internal On-campus
A/Prof David Heslop

Our systems, thinking, training, legislation and policies have lagged far behind momentous changes in science, and leaving us vulnerable to population-level harm from bioterrorism. Synthetic viruses and genetic engineering of pathogens are a reality, with a rapid acceleration of dual-use research of concern

(DURC), which is research intended for good which may also be used to cause harm to humans. The public availability of methods for DURC genetic engineering, coupled with the insider threat, poses an unprecedented risk for global biosecurity. The course will provide a grounding in human health aspects of bioterrorism and response, for first-responders, analysts or policy makers from health, emergency management, law enforcement, military or other relevant backgrounds. An overview of bioterrorism past, present and future scenarios will be covered. Case studies in risk analysis, risk mitigation and response will be studied. These will cover engineered transmissible H5N1 avian influenza; distinguishing natural from unnatural epidemics, surveillance tools, rapid intelligence and analysis methods. International health regulations, governance of DURC, insider threat and ethical frameworks will be examined. Models for cross-sectoral collaboration and communication will also be explored. Preparation of first line responders to biohazards will be covered, including personal protective equipment, decontamination, epidemic control measures, post-exposure prophylaxis and vaccines for biosecurity.

Clinical Governance and Risk Management (PHCM9748)

Delivery Mode: 1) External Online 2) Internal On-campus
Dr Ramesh Walpola

Through the progression of this course, you will develop an understanding of a range of quality improvement and risk management theories and strategies. We will start by exploring the evolutionary context of quality in healthcare, and the role of systems and processes in creating our healthcare environments. We will examine the causes and consequences of breakdowns in quality that decrease patient safety. Learnings will be applied to practice through the process of conducting a root cause analysis. We will then analyse why these breakdowns are proving so difficult to remedy, despite the concerted efforts of healthcare professionals, managers, policymakers and consumers. Finally, we will critically examine the process of quality improvement, exploring several tools and methods associated with improving quality and safety. This course is designed to highlight knowledge that informs real-world action, and as such is intended to balance both the theory and the practice of quality

improvement. Throughout the course participants will be able to draw on and share their experiences with health services and system engagement both locally and internationally.

Communicable Disease Control in Global Health (PHCM9784)

Delivery Mode: 1) External Online 2) Internal On-campus

Dr Minh Duong, Dr Padmanesan Narasimhan

This course aims to equip candidates with an insight into the prevention and control of communicable diseases and related challenges, and the promotion of health especially in developing, remote and resource poor countries. There is a particular focus on global health aspects of disease control with emphasis on trans-national, collaborative research, and a wide range of strategies to manage these challenges across nations. The course is based on real case scenarios and examples, presented by a wide range of global health experts.

Community Development (PHCM9010)

Delivery Mode: 1) External Online 2) Internal On-campus

A/Prof Faye McMillan, A/Prof Sally Nathan

This course explores the meaning and conceptual frameworks of community development as an approach to improving the health of individuals and the broader community in both the local and international context. The material covered facilitates exploration of the fundamental components of community development, such as needs assessment, empowerment, and evaluation. Local and international case examples are used to explore theories and models in practice and to highlight and reflect on the issues and dilemmas faced in community development work across a range of settings. This course is useful for community workers, researchers, policy officers/managers, health service administrators/managers, educators or clinicians. For those with field experience, this course will provide a strong theoretical basis and will introduce some new practice tools. For those with little or no field experience, it provides a good mix of theories, models, practical examples and tools to introduce this exciting approach to improving health.

Comparative Health Care Systems (PHCM9471)

Delivery Mode: 1) External Online 2) Internal On-campus

Dr Augustine Asante

This course focuses on the principles and practice of health system analysis, the sources and utilisation of information relating to the development, organisation and operation of healthcare systems, and frameworks for assessing the performance of different health systems. It draws on material from healthcare systems of both developed and less developed countries to examine the economic, social, epidemiological, and political environments within which healthcare systems operate and the various patterns that emerge. We examine the key building blocks of healthcare systems: financing arrangements including revenue generation, risk pooling and purchasing; health workforce including migration of health workers and health labour market dynamics; health system governance; models of health service delivery and access to essential medicines. The impact of some recent attempts at health system reform in different countries, including reform seeking to achieve universal health coverage, is assessed and proposals for future re-structuring are critically reviewed.

Digital Health – Principles, Practice and Evidence (PHCM9790)

Delivery Mode: 1) External Online 2) Internal On-campus

Dr Padmanesan Narasimhan

Digital health represents the convergence of healthcare delivery through multiple digital platforms including mobile applications, data analytics, genomics and artificial intelligence. Digital health is also among the key phenomena which drives the next cycle of transformation in the healthcare industry especially with the changing role of the consumer and healthcare landscape. The phenomenal growth of digital health warrants the next generation of health specialists to be equipped with knowledge and skills essential for evaluation and administration of appropriate digital solutions to their health settings. The course will stimulate thinking on digital health (at macro level) with a focus on the implementation and evaluation of these new technologies (at micro level) at the health facility (e.g. local health district or

a health network). The course will also provide an in-depth understanding and critical evaluation of digital health applications, inter-operability standards and framework including key topics such as governance and ethics. In addition, there will be an exploration of the theoretical principles in evaluation of digital health interventions in this course.

Economic Evaluation in Health Care (PHCM9440)

Delivery Mode: 1) External Online 2) Internal On-campus

A/Prof Anthony Newall

This course will provide students with an introduction to economic evaluation in healthcare, including its use as a tool to assist with government decision making. The course will focus on the concepts and the methods involved in cost-effectiveness/utility analysis. It will facilitate the development of skills required to critically appraise economic evaluations and illustrate how to apply the concepts involved to assess health interventions.

Environmental Health (PHCM9612)

Delivery Mode: 1) External Online 2) Internal On-campus

A/Prof Xiaoqi Feng

This is an introductory course on Environmental Health. The overall aim of this course is to stimulate a broad understanding of Environmental Health and the important contribution of public health knowledge and principles in addressing pressing environmental issues, including climate change mitigation and adaptation. We will chart the evolution of Environmental Health as a discipline, from occupational and environmental health in the mid-19th century through to Environmental Justice and Ecohealth of the 20th century, to One Health and Planetary Health in the 21st century. We will take a lifecourse approach, examining the importance of various different environmental conditions on health and wellbeing at birth, childhood, adolescence, adulthood and the senior years. Some of these environmental conditions include air pollution, pesticide, water contamination, green space, food environment and noise. The course will be suitable for students who wish to gain a basic grounding in Environmental Health.

Epidemiological Methods (PHCM9518)

Prerequisite: PHCM9794 or PHCM9498

Delivery Mode: 1) External online 2) Internal on-campus

Dr Kathleen Falster

A core task of epidemiology is to understand what causes adverse health outcomes and 'what works' to improve population health. This course takes an in-depth look at the core public health discipline of epidemiology, with a focus on causal inference. It has been designed to help you develop essential knowledge and skills in quantitative public health research that are directly relevant to everyday decision-making in policy and practice, as well as designing and implementing epidemiological research.

Ethics and Law in Public Health (PHCM9331)

Delivery Mode: 1) External Online 2) Internal On-campus

Dr Bridget Haire

The aim of this course is to develop students' knowledge and skills in identifying ethical and legal issues in health care policy development by reference to some recurring tensions: balancing individual rights with the goal of achieving healthy populations; the challenges of health care rationing; and addressing the needs of particular population groups. We will bring these issues to life through a series of case studies, including tobacco control policy, the "obesity epidemic", pandemic influenza, vulnerability and disaster management, vaccination policy and research ethics. These case studies form the basis of online and class discussions, and provide a practical anchor for developing students' understanding of the relevant ethical and legal dilemmas arising from public health policy and health management. The course includes an introduction to some key theoretical frameworks and concepts for public health ethics and explores ways of applying these to a variety of cases and contexts. An introductory briefing on health law is provided, as well as key legal concepts that are central to working in the domain of healthcare, and the Public Health Act. Students are given opportunities to apply their learning to aspects of healthcare, public health and health management that they are particularly interested in or that are relevant to their professional development.

Evidence-Informed Decision-Making (PHCM9781)

Students enrolled in a Dual Masters program are not permitted to enrol in this course

Delivery Mode: 1) External Online 2) Internal On-campus

Dr Vikram Palit

In this course you will be introduced to different types of decision-making and the level of evidence you will need to make different types of decisions in health services management. Some decisions need evidence and to obtain evidence you will learn how to search the literature for evidence related to a health services issue. Some decisions require the highest level quality of evidence so you will be introduced to study designs applied in medical research and epidemiological principles to evaluate the methodological shortfalls associated with the different designs. Other decisions need lower levels of evidence and you will learn about the appropriateness and flaws of methods for collecting lower level evidence. With this knowledge you will be able to determine the level of evidence you require to make a decision and critically appraise the evidence for flaws. You will also learn to interpret commonly used statistical techniques in health related and health services research. Your new skills will be applied and assessed to a set of papers related to a health service issue.

Foundations in Public Health and Health Care Systems (PHCM9041)

Delivery Mode: 1) External Online 2) Internal On-campus

A/Prof Sally Nathan, A/Prof Anthony Newall

This course will introduce students to public health and health care systems providing foundational knowledge for future studies and practice. Student's understanding of contemporary public health problems and approaches will be enhanced through an introduction to: the history of public health; core functions of public health; surveillance and measurement of population health; principles of communicable and non-communicable disease control; health promotion and social determinants of health; Indigenous health and well-being; health policy; and health care systems. Students will have the opportunity to discuss contemporary issues in public health with their peers and hear from a range of experts.



"I decided to enrol at the School of Population Health primarily because it offers a dual degree in both Public Health and Health Management. As a young clinician, I wanted to build a strong theoretical foundation in both fields to ease my transition out of clinical medicine and yet have the flexibility to choose my future career.

The most important thing I have learned in my studies is the importance of research and evidence-based practice. Research is the foundation upon which knowledge, behavior and practice rests. The School has helped me hone my research and critical thinking skills and transfer them into practical work in my daily life.

This degree will assist me in my endeavour to transition from clinical medicine to be a full-time researcher and public health practitioner. It has given me a solid base upon which to build my practical experiences in public health back in my home country. Through my degree I have developed communication skills, leadership skills and a global perspective which will allow me to look at issues in my own country through a new lens and develop novel approaches to tackle public health threats in India."

Dr Nikita Bathla

Master of International Public Health/Master of Health Management (Dual Degree)

Foundations of Biostatistics (PHCM9795)

Delivery Mode: 1) External Online 2) Internal On-campus
A/Prof Tim Dobbins

This core course introduces students to the quantitative methods that are the cornerstone of public health research and evidence-based public health policy and practice. Students will be introduced to the basic statistical analysis methods, with hands-on experience analysing health data using statistical software.

Foundations of Epidemiology (PHCM9794)

Delivery Mode: 1) External Online 2) Internal On-campus
A/Prof Anita Heywood, A/Prof David Muscatello

An epidemiological approach to the collection, analysis and interpretation of data is the foundation for public health practice. An understanding of epidemiological principles and methods that are fundamental to the design and analysis, as well as critical evaluation of public health studies. This course has been designed to develop student's essential knowledge and skills in the epidemiological principles of descriptive and analytical methodologies used to answer population health questions. Students will have the opportunity to calculate and interpret measures used to describe the distribution, determinants and impact of disease in populations. A major focus of the course is the design principles and critical appraisal of common intervention and observational studies and identification of study limitations and sources of bias, essential for the translation of quality evidence into public health practice and policy..

Global approaches to Cardiovascular Disease, Diabetes and Cancer Prevention (PHCM9786)

Delivery Mode: 1) External Online 2) Internal On-campus
Dr Christine Linhart

This course is focussed on population approaches to the prevention and management of cardiovascular disease, type 2 diabetes mellitus, selected cancers and their risk factors (diet, exercise, tobacco, alcohol), which are responsible for considerable morbidity and premature adult mortality globally. The course

will provide students with an understanding of the evidential basis for the cause of these diseases from epidemiological and bio-medical studies, followed by detailed analysis of contemporary population health risk factors and the challenges they pose for population approaches to prevention and management. The course aims to provide students with the ability to critically evaluate the evidence for causation and (cost)-effectiveness of interventions for the prevention and management of cardiovascular disease, type 2 diabetes mellitus and selected cancers in populations. The strengths, weaknesses and challenges of different population approaches to prevention and management, and their record of success and failures, will be critically evaluated.

Global Health and Development (PHCM9605)

Delivery Mode: 1) External Online 2) Internal On-campus
A/Prof Rohina Joshi, Dr Christine Linhart

This course is designed to provide a sound foundation for study and work practice in global health. The intensive learning experience is based on realistic scenarios of health and development issues and challenges commonly experienced in resource poor countries and in global health settings. Successful completion of this course will require application of pertinent knowledge, practice of skills and reflection on professional practice.

Health Aspects of Crises, Emergencies and Disasters (PHCM9662)

Delivery Mode: 1) External Online 2) Internal On-campus
A/Prof David Heslop

This course addresses the epidemiological, clinical, population, systems and service management aspects of crises, emergencies and disasters. The course examines the role of healthcare professionals and managers within local and international emergency settings of different scales and durations, including natural disasters and civil emergencies. It utilises a multidisciplinary approach, drawing on a variety of disaster theories from sociology, geography and public health. Students will be actively involved in scenarios and case studies drawn from major biological, chemical, radiation and natural disasters. The course is suitable for people currently

or wishing to work in the emergency, military and related areas (e.g. public health emergency staff, fire service, forensics, paramedics, police, civil defence and security, emergency management, international disaster management and humanitarian assistance workers, military personnel) in developed as well as developing countries.

Health Economics & Financing for Developing Countries (PHCM9443)

Delivery Mode: 1) External Online 2) Internal On-campus

Dr Augustine Asante

The primary goal of this course is to provide participants with the knowledge, skills, and basic economic arguments that are central to discussions about health policy options and resource allocation choices in low and middle income countries. By the end of the course, students will be in a stronger position to (i) Demonstrate understanding of the main functions and challenges facing health systems in the developing world; (ii) explain the key economic principles and concepts relevant to health economics and financing; (iii) discuss specific features that distinguish markets for health care from markets for other goods and services; (iv) distinguish between the principal ways of funding health services and paying health care providers; and (v) critically appraise evidence on the efficiency and equity implications of health financing reforms in low and middle income countries.

Health Impact Assessment (PHCM9628)

Delivery Mode: 1) External Online 2) Internal On-campus

Dr Fiona Haigh

Health impact assessment is a structured process by which the impacts of policies, programs or projects on health can be assessed. This course will cover the process of health impact assessment, its theoretical background, history and applications. Students will have an opportunity to gain practical experience by undertaking the initial steps of health impact assessment (screening and scoping). This course is suitable for students who wish to gain a basic grounding in health impact assessment, with opportunities for more detailed investigation of specific concepts.

Health Leadership and Workforce Management (PHCM9701)

Delivery Mode: 1) External Online 2) Internal On-campus

Dr Vikram Palit

This course critically examines a range of theories, models and approaches to leading and managing at different levels in health service organisations. It provides tools to identify and respond to management problems in the context of major changes in priorities and services in health and its workforce. Whether you come from a clinical, public health or other disciplinary background we consider how you can draw upon that understanding and your current organisational setting to strengthen your health leadership capacity and workforce management skills. Topics include: the shifting role of managers in health services; management and leadership theories and models; influence, power and management ethics; managing in resource constrained environments; diversity in health service settings; managing teams and motivating staff; conflict management and improving health worker performance; workforce planning and capacity building.

Health Promotion and Social Perspectives of Health (PHCM9012)

Delivery Mode: 1) External Online 2) Internal On-campus

A/Prof Niamh Stephenson, Dr Husna Razee

This course provides an overview of social aspects of health and foundations in health promotion. The course will enable students to examine contemporary social and cultural perspectives on health, healthcare and on people's everyday lived experience of health and illness, and explore the role of health promotion in addressing a range of contemporary public health problems. Current global health issues and their relevance to health promotion and the field of public health are examined through analysis and application of best practice principles including assessment for effectiveness. The course moves students beyond the traditional silo approaches to health promotion that addresses risk factors and disease models. It focuses on social determinants and a multi-sectoral approach to promoting health through research, practice, policy and advocacy.

Healthcare Economics and Financial Management (PHCM9441)

Delivery Mode: 1) External Online 2) Internal On-campus

A/Prof Anurag Sharma

This course combines health economics and healthcare financial management. The first module of this course Introduction to Health Economics will cover key economic concepts which will explain the mechanisms driving above policies/ behaviour. The main objective of this module is to introduce you to several economic concepts relevant to health care management and demonstrate how they are applied to actual situations in the health care industry. The second module of this course Financial Management will introduce you to many accounting principles, processes and procedures and their general application to the health care system. This module will help you develop a sound working knowledge of basic financial statements as well as an understanding of budgeting for decision-making and managerial control in health management. Together these modules will assist you to understand economic principles and techniques that influence decision making and government policy in the healthcare industry. They will also provide you with core capabilities for making health management decisions related to budgets and resources. In both modules the emphasis is on understanding how finance and economics can be used in day-to-day decision making – so a practical scenario-based approach will be taken. Similarly, the assessments will also focus on practical applications of the concepts.

Immunisation Policy and Practice (PHCM9050)

Delivery Mode: 1) External Online 2) Internal On-campus

A/Prof Anita Heywood

This course is designed for those working in public health or related disciplines who have an interest in immunisation, and would like to broaden their knowledge and skills. This course will provide students with a comprehensive appreciation of vaccine-preventable disease epidemiology and national immunisation policies relevant to low, middle and high resourced countries and in the context of

global immunisation goals. The course encompasses diverse aspects from vaccine development and clinical trials, policy development, program implementation and evaluation, vaccine safety and public perceptions of risk. This course aims to provide graduates with knowledge and skills in the epidemiological principles and policy issues required to develop, implement and evaluate immunisation programs.

Implementation Science (PHCM9791)

Delivery Mode: 1) External Online 2) Internal On-campus

Dr Padmanesan Narasimhan, Dr Patricia Cullen

This course is designed for a wide target audience consisting, public health, clinicians, health service managers and researchers who use evidence to implement programs and changes in practice. This course will provide students with a comprehensive picture of the emerging field of Implementation Science as applied to health. This course aims to develop students' capacities to apply appropriate concepts, frameworks and methods needed for implementation of evidence-based interventions into practice. It will provide students with the ability to identify and critically appraise appropriate theoretical frameworks/models for design and evaluation of implementation in the real world. The course has an emphasis on practical learning experiences using real case scenarios and will draw on the work of internationally recognized experts in real world implementation of health and health related programs.

Independent Study (PHCM9103)

Delivery Mode: 1) External Online 2) Internal On-campus

Dr Kathleen Falster

Independent studies are designed to provide opportunities for candidates to pursue interests and areas of study not addressed in existing courses. They are recommended particularly for candidates who wish to explore specific health or education related problems within their own discipline or area. Students wishing to take an independent study must obtain approval from their program director.

Indigenous Health & Wellbeing Across the Lifespan (PHCM9632)

Delivery Mode: 1) External Online 2) Internal On-campus

Ms Ebony Lewis

This course introduces students to Aboriginal and Torres Strait Islander understandings of the opportunities and challenges to health and wellbeing across the lifespan and the importance of embedding these understandings into health promotion action. It will explore the many contexts of Indigenous Australian lives and the concepts of wellbeing, healing, connection and spirituality to understand the deeply held values of belonging and strength. Students will be introduced to primary health care service models and parallel models of education and social services that are designed to provide comprehensive and holistic care and promote cultural safety and security of clients and families. The course will also examine the principles and application of empowerment and leadership, dialogue, participatory action research, community organisations, inter-sectoral planning and service delivery, advocacy and community development as mechanisms of change.

Inequalities, Inequities and Health (PHCM9626)

Delivery Mode:) External Online 2) Internal On-campus

A/Prof Margo Barr, Dr Amy Bestman

There has been increasing evidence to support the argument that differences in health and opportunities for good health are strongly determined by the inequities in social and structural factors in society. The overall aim of this course is to introduce you to major conceptual and practical issues in understanding and addressing health inequalities in western industrialised countries. Specific topics explored will include the patterns of health inequity, the political and structural causes of inequities, and actions to address health inequities presented through case studies of effective interventions.

Infection Prevention and Control in the Healthcare Setting (PHCM9787)

Delivery Mode: 1) External Online 2) Internal On-campus

Prof Mary-Louise McLaws

Infection prevention and control is patient safety priority in our healthcare facilities. In the future common treatable infections may become untreatable. Past estimates of patients acquiring a healthcare associated infection (HAI) range from 1 in 8 to 1 in 10 hospitalised patients. Healthcare associated infections contribute to the disability and stress of the patient, additional length of stay and cost and death. Infection prevention and control in healthcare settings is a global priority endorsed by the World Health Organization and a national priority for the Australian Government, Ministries of Health, the Australian Commission of Quality and Safety in Health Care and healthcare facility accreditation organisations. This course is aimed at informing healthcare managers, clinicians, planners and policy makers with an overview of HAIs, the complexity of the causes and drivers of the spread of HAI and the activities required for the prevention and control of HAIs. Because the course is aligned with the National Safety and Quality Health Service (NSQHS) Standards 3 it is particularly of interest to healthcare managers but also international students will also benefit as this Standard is a core component of any excellent infection prevention and control program. The course content includes components infection control programs recognised as core to any sound program by the World Health Organization.

Infectious Diseases Challenges: Epidemiology and Control (PHCM9782)

Delivery Mode: 1) External Online 2) Internal On-campus

A/Prof James Wood, A/Prof Holly Seale

In our history pathogens such as HIV, Ebola, Avian Influenza, SARS and more recently Zika virus have emerged to challenge human populations. This course will introduce you to the challenges of identifying and controlling infectious diseases through an appreciation of key factors such as differing modes of transmission, the importance of surveillance in achieving disease prevention and control, key steps in outbreak investigation and current disease control strategies. Examples including Ebola, influenza, measles, pneumococcal

disease, rota virus, SARS and TB will be used to learn about preparing for and containing diseases with potentially catastrophic impact to the health and economic stability. This course supports you achieving a range of capabilities that you will need if you are planning to have a career in epidemiology and infectious disease control.

Injury Epidemiology: Prevention and Control (PHCM9792)

Delivery Mode: 1) External Online 2) Internal On-campus

Dr Amy Peden

Injury prevention and control is a key public health priority. The study of injury epidemiology, prevention and control is vital to understanding causes of injury and strategies for prevention, to reduce the global burden of injuries and improve access to high quality care. This course is designed for those working in public health or related disciplines who have an interest in injury epidemiology, prevention and control, and would like to broaden their knowledge and skills. This course will develop student's capacities to apply appropriate concepts, frameworks and methods to quantify the epidemiological burden of injury (unintentional and intentional), identify risk factors including the social determinants of health and evidence-based strategies for prevention and management of injury across a range of contexts, cultures and injury types. The course will enable students to focus on an area of interest be it injury type or country context. Students will develop methodological skills in conduct of real-world research on injury, including observational studies, evaluation of interventions geared towards prevention, and quantifying the economic impact of prevention. Issues relevant to injury including context, resources, community acceptance, cultural considerations, scalability and sustainability and their impact on injury prevention and control will be considered.

Internship (PHCM9143)

Delivery Mode: 1) External Online 2) Internal On-campus

A/Prof Holly Seale, Dr Suzanne Schibeci

The internship course provides students with the opportunity to gain real-world experience in a relevant health organisation through a workplace internship

of 6 weeks full-time equivalent duration (168 hours). During the course, interns will have an opportunity to make valuable contributions to organisational healthcare initiatives that may involve areas such as policy, planning, and evaluation associated with the delivery of healthcare services, or the preparation, appraisal, implementation or evaluation of health related projects. The activities and focus of the internship placement will be relevant to the organisation and student and can be either project or normal operations-based.

Maternal and Child Health (PHCM9606)

Delivery Mode: 1) External Online 2) Internal On-campus

Dr Blessing Akombi-Inyang

This course provides an overview of maternal and child health in its global context and within a public health and social framework. The course takes a critical look at global strategies for improving maternal and child health with a focus on the Global Strategy for Women's, Children's and Adolescents' Health 2016-2030 and the Sustainable Development Goals (SDGs). The course covers a breadth of global public health issues in this area including: the epidemiology of maternal and child health; antenatal care and birthing; maternal, infant and child nutrition; maternal and newborn health among Indigenous Australians; HIV infection in women and children; immunization, as well as global programs and policies in maternal and child health with a focus on the social determinants of health including gender equity. Case studies, theories and relevant policies from developed and developing countries will be presented for discussion and debate to improve students understanding of maternal and child health issues in a variety of contexts.

Outbreak Investigation and Intelligence (PHCM9788)

Delivery Mode: 1) External Online 2) Internal On-campus

Dr Abrar Chughtai, Dr Adam Craig

Outbreak investigation is a central aspect of field epidemiology and infectious diseases intelligence and surveillance underpins outbreak identification, response and control. The focus of this course is on understanding routine and unusual disease outbreaks and the application of methods for their detection

and investigation and control in resource limited and developed settings. The course uses case studies to teach epidemiologic disease pattern recognition, identification of aberrant patterns, and interpretation of epidemic and surveillance data to inform outbreak investigation and disease control. The course explores a number of outbreaks from around the world in case studies, lectures, discussion forums, webinars and readings to teach principles of outbreak detection, verification, investigation, communication and control. You will learn about outbreak data analysis and interpretation, outbreaks in vulnerable populations as well as the role of the laboratory. An overview of field epidemiology methods and mathematical modeling of infectious diseases will also be provided. Case studies include salmonella, E. coli, enterovirus, hepatitis, avian influenza, MERS coronavirus, Ebola outbreaks and COVID-19.

Policy Studies (PHCM9381)

Delivery Mode: 1) External Online 2) Internal On-campus

*Dr Patrick Harris,
Prof Evelyne de Leeuw*

This course is concerned with the policy process, and how it can be used in the advancement of public health. It focuses on how issues become matters of policy concern, how participants (and which ones) engage in policy activity, and on the organisational locations and relationships through which policy is developed and has its impact. Particular attention is given to the relationship between research, other forms of evidence, and policy and practice. Participants will be invited to describe and examine their own experience of policy and policy-making, and through assignment work on a particular policy question, will develop skills in policy analysis and understandings which will help them to navigate the policy environments in which they operate. The course is suitable for both Australian and international students.

Politics, Surveillance and Public Health (PHCM9522)

Delivery Mode: 1) External Online 2) Internal On-campus

A/Prof Niamh Stephenson

This course aims to provide a broad understanding of some of the principal discussions in medical sociology from the perspective of public health

practice. This course teaches some key social scientific tools, and considers their use as applied to contemporary public health issues, with a particular focus on surveillance, infectious disease and global health. We will consider social scientific research on the topics of medicalisation, public understandings of disease & contagion, risk, infectious disease surveillance and preparedness, empowerment & health equity as well as biosecurity & biodefense. In examining this research we will be identifying some of the different (and sometimes competing) theories of power, risk, globalisation and embodiment being employed by medical sociologists and anthropologists. We will be examining what social science can contribute to key debates in public health and health governance.

Predictive Modelling in Public Health (PHCM9785)

Delivery Mode: 1) External Online 2) Internal On-campus

A/Prof James Wood

Predictive modelling is a rapidly developing area in public health. Already widely applied in predictive studies of interventions such as vaccination, modeling is a key input to policy and planning decisions in public health. Understanding how trends in disease will unfold in future years helps policy makers evaluate and prepare for future priorities. The focus in this course is on building predictive models of disease trends in excel and on assessing the value of modelling results for policy.

Prevention and Management of Chronic Disease (PHCM9129)

Delivery Mode: 1) External Online 2) Internal On-campus

Prof Mark Harris, Dr Catherine Spooner

With the rising burden of chronic illness, the prevention and management of chronic disease is a critical priority for health systems around the world. This course provides participants with an overview of prevention and management of chronic disease in community settings as it is delivered in Australia and overseas. It provides a framework for approaching the subject based on components of the Chronic Care Model developed by Wagner and others and promoted by the World Health Organization (WHO). There are opportunities for reflecting on how this operates in

a variety of settings and countries. Specific topics include the burden chronic disease in Australia and internationally, chronic disease prevention, integrated care for patients with chronic disease, multi-morbidity, multidisciplinary teamwork in the prevention and management of chronic disease, self management support and health literacy, information systems and decision support, health care organisation and funding. A number of case studies are presented and discussed. Participants learn practical skills in analysing and evaluating approaches to chronic disease in a variety of settings, and identifying capacities and opportunities for change.

Principles and Practice of Primary Health Care Services in the Community (PHCM9615)

Delivery Mode: 1) External Online 2) Internal On-campus
A/Prof Ben Harris-Roxas

Primary health care (PHC) is recognised as a critical component of any health system, with the potential to improve efficiency and effectiveness. PHC is also the focus of major reform in Australia and overseas. The Principles and Practice of Primary Health Care course provides an introduction to the principles of PHC and their application in the delivery of health care in the community. This course provides a framework for approaching the subject, and a number of service settings are outlined including general practice, community health services, and rural health services. The integration between primary health care and specialised and hospital care is also examined. Participants learn practical skills in appraising the design and delivery of PHC0 services and identifying opportunities for change.

Public Health Aspects of Mental Health (PHCM9761)

Delivery Mode: 1) External Online 2) Internal On-campus
Dr Adrienne Withall

This course provides participants with an overview of public health approaches in mental health. The overall aim of the course is to equip students with



Progress from a Masters degree to a PhD

Students who have completed a coursework Masters degree from the School will be considered for entry to our PhD program if they have a suitable research proposal and the agreement of two potential supervisors and have:

1. Successfully undertaken a 12 UOC or 18 UOC research project as well as at least 6 UOC of a research methodology-related course, including Qualitative Research Methods, Advanced Biostatistics, Causal Inference for Public Health or Applied Research Methods.
2. Distinction average (75%) or above for their overall Masters coursework program.
3. A letter of support from the Head of School or delegate.

the knowledge to understand and interpret key epidemiological data, healthcare systems for people with a mental illness, the interaction between mental health and social and physical health factors, mental health across the lifespan, public health interventions such as preventive healthcare and mental health promotion, and mental health policies. Students will have the opportunity to discuss and explore controversial issues and will draw on their own experiences and those of their peers to understand the practical application of these concepts.

Public Health Perspectives of Indigenous Health (PHCM9630)

Delivery Mode: 1) External Online 2) Internal On-campus
Ms Ebony Lewis

This course will introduce students to Aboriginal and Torres Strait Islander health through the lens of public health and statistics through interactive lectures. Ten major topic areas important in Indigenous health will be examined. These include understanding Indigenous health data, the role of health information within primary health care, health issues in Indigenous communities: understanding the challenges, illnesses, social and environmental risk factors, prevention and management approaches to health improvement across the life span and the economics of Indigenous health.

Qualitative Research Methods (PHCM9120)

Delivery Mode: 1) External Online 2) Internal On-campus
A/Prof Sally Nathan, Dr Husna Razee

Introduces a range of qualitative research methods and techniques, including participant observation, in-depth interviews and focus groups and their application to public health and health promotion. The course further aims to provide students with introductory skills for developing, conducting and documenting interviews as a method and understanding of how people interpret health and illness and the contexts in which they occur. Recommended as an introduction to this approach for students including those wishing to undertake research projects using qualitative methods.

Research Project (PHCM9148/9144/9150) (6, 12, 18 UOC)

Delivery Mode: 1) External Online 2) Internal On-campus
Dr Kathleen Falster

The research project comprises an in-depth study of a contemporary public health or health management issue or topic. Candidates are expected to demonstrate their ability to apply knowledge and skills gained in the course, through: identifying and defining a significant issue; systematically collecting relevant, up-to-date information about the issue; analysing, interpreting and discussing the information; drawing conclusions; making recommendations; and writing a report in a manner consistent with academic standards at Master's level. The project may be in the form of a small-scale research study, a case study, a program evaluation or a report on field placement. Although candidates are advised to start planning a project early in their program, it is normally undertaken after completion of all core and elective courses. Students wishing to enrol in a project must obtain permission.

Strategy, Policy and Change (PHCM9391)

Delivery Mode: 1) External Online 2) Internal On-campus
A/Prof Ben Harris-Roxas

This course is designed to help students develop their knowledge, skills and perspectives on strategic management and planning, and to apply strategies, techniques and tools to enhance their leading change in the health sector. It aims to present material, engage participants in a dialogue, provide insights and feedback and enable participants to reach conclusions about how they might improve their capacity to lead policy-making and strategic planning.

Key Terms

When you begin your study at UNSW, you may come across terminology specific to the University. We have compiled the following key terms and features that apply to our postgraduate degree programs.



Programs and courses

A course is a discrete subject which has a course code e.g. PHCM9041. A program is a combination of approved courses taken over a number of terms that leads to the award of a degree. This can be a Masters degree, Graduate Diploma, Graduate Certificate, Extension Masters Degree or Dual Degree. Each program has a program name, a program code and an abbreviation e.g. Master of Public Health is the program name, 9045 is the program code and MPH is the abbreviation.

Specialisation

A specialisation is a focused area of academic study within a program, usually requiring a student to complete an approved sequence of 'core' and 'elective' courses. For example, there are nine specialisations within the Master of Public Health program.

Units of Credit (UOC)

Each course at UNSW has a particular load or weighting which is referred to as units of credit e.g. the course PHCM9041 'Foundations in Public Health and Health Care Systems' is worth 6 units of credit. This is often abbreviated to UOC. Six UOC equates to approximately 150 hours of work for an average student, including assessment tasks. UNSW programs require the successful completion of a specified number of UOCs. Fees are charged on a UOC basis.

Core courses

A core course is a compulsory course within a program that must be satisfactorily completed to meet the requirements of the program. Students from non-English speaking countries who have not previously completed a degree in Australia or other English speaking country are also required to take the additional core course *PHCM9100 Academic Practice* in their first term of enrolment. This course is also available to all other students to assist in gaining maximum benefit from their study. It is made available at no charge to students and does not contribute to the UOC requirements of the degree.

Elective courses

The School's coursework degree programs include a range of elective courses that students can select in order to meet the requirement of the program. Note that any individual course may be specified as a core course in one program and as an elective in another. The School offers a wide range of electives, enabling students to focus on areas of interest and professional relevance. See 'Course Selection' in this prospectus or the School website for a listing of current electives.

Students may take a project, an independent study or an internship in place of an elective.

There is also the option to take courses from Arizona State University as part of the PLuS Alliance.

In addition, students may also enrol in electives offered by other schools within UNSW, as well as approved courses offered by other universities, in accordance with the UNSW policy on credit transfer and approval by the relevant Program Director.

Prescribed electives

Prescribed electives are typically specified as lists of courses that students select from to complete the requirement of their degree.

Project

Students enrolled in a Masters degree have the option to enrol in a research project. A project is a self-directed research study option carried out under the supervision of an academic staff member in the School with expertise in the particular area of research. It provides an opportunity for students to develop research skills on a small scale and draws on techniques and knowledge gained in one or more of the research methodology courses.

Dual Degree

Dual degrees enable students to make the most of their studies by completing two degrees concurrently. Two options are available: 1) complete two degrees in 1.7 years full-time; or 2) complete two degrees in 2 years full-time which option includes an extension component where students complete additional electives including a research project or a research methodology course. Dual degrees are available in Public Health, Health Leadership and Management, Global Health, and Infectious Diseases Intelligence.

Independent studies

Students may undertake Independent Studies to learn about a particular subject area of special interest where there is appropriate expertise in the School, but no formal course.

Internship

The internship course aims to provide students enrolled in the Master of Health Leadership and Management, Master of Public Health, Master of Global Health, Master of Infectious Diseases Intelligence degree programs, with the opportunity to gain real-world experience in a relevant health organisation through a workplace internship of

6 weeks full-time equivalent duration (168 hours). During the course, interns will have an opportunity to make valuable contributions to organisational healthcare initiatives that may involve areas such as policy, planning, and evaluation associated with the delivery of healthcare services, or the preparation, appraisal, implementation or evaluation of health related projects. The activities and focus of the internship placement will be relevant to the organisation and student and can be either project or normal operations-based.

Coursework

A mode of study largely, or wholly, constituted of courses involving directed learning, including face-to-face class instruction, online learning, distance learning, or a combination of these. It is a term commonly used with regard to study. The other mode of study is research.

Non-award and cross-institutional enrolment

Students who wish to complete a course at UNSW as a standalone unit can apply to enrol as a non-award student. Students wishing to enrol in a standalone course at UNSW and arrange for this course to be credited towards a degree undertaken at another institution are also considered non-award students at UNSW.

International student

An international student is a student who is a citizen of a country other than Australia or New Zealand, and does not hold an Australian permanent resident visa.

Domestic student

A domestic student is a student who is an Australian citizen, or New Zealand citizen or holder of an Australian permanent resident visa.

Mode of delivery

The School's coursework programs 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 online teaching. Some internal face-to-face courses also include an online component. Most courses may be taken fully online. For some courses there are optional workshops which are usually held during a Residential School.

Residential school

A few of our courses have an intensive workshop component followed either by weekly face-to-face classes or online study. Workshops are held in a residential school at the Kensington campus, one week before each term starts during Orientation Week.

Term dates

Term 1 – February - May

Term 2 – May - August

Term 3 – September - December

Starting dates for new students

Term 1 – February

Term 2 – May

Term 3 – September

Articulation

The Masters' program in an area of study articulates with the Graduate Diploma and the Graduate Certificate. Credit for courses completed as part of the Graduate Diploma and the Graduate Certificate may be transferred to the Master's program in accordance with the UNSW policy on credit transfer.

Credit transfer and exemptions

Credit Transfer can only be granted by the School on the basis of demonstrated equivalent postgraduate level coursework previously undertaken in accordance with the School and UNSW credit transfer policy.

Census date

The date on which a student's enrolment is taken to be finalised. HECS-HELP and FEE-HELP debts are incurred on census dates. Students must make their up-front payments and submit their request/s for Commonwealth assistance by the census date.



"I decided to study public health and health management because I felt that despite being a clinician and in the privileged position to make a difference in many unwell people's lives, I was not doing enough on a system-wide level to ensure good health for all.

Participation has never been more crucial than in post-graduate studies. Sometimes the value of these courses is less in the didactic material (which is still essential), but the connections you make with fellow students, the experiences you are able to share, and what everyone can learn together, especially from such a diverse cohort where students come not only from Australia but also not only from clinical healthcare profession.

I now stand much better placed to open doors towards a broader career that includes health systems consulting, digital health and medical technology innovation, and health policymaking both domestically and across the wider globe."

Dr Jaffly Chen

Master of Public Health/Master of Health Management
with extension (dual degree with research component)

Coursework and Research Fees

Domestic candidates applying to study coursework programs may receive a Commonwealth Supported Place (CSP) or a Full Fee Place. Fees listed below are in AUD\$ and are payable on a per term basis. The rates are an estimate based on the total units of credit of the program. Course fee is based on 6 UOC courses. Tuition fees for Domestic students undertaking research programs are covered by the Federal Government's Research Training Scheme. For more information see UNSW Fees.

Postgraduate coursework programs	Domestic				International	
	CSP Place (2022)		Full Fee Place (2022)		(2022)	
	Course fee	Program fee	Course Fee	Program fee	Course fee	Program fee
Graduate certificate	\$1,002 - \$1,425	\$4,008 - \$5,700	\$4,020	\$16,080	\$6,000	\$24,000
Graduate diploma	\$1,002 - \$1,425	\$6,012 - \$8,550	\$4,020	\$24,120	\$6,000	\$36,000
Masters degree	\$1,002 - \$1,425	\$ 8,016 - \$11,400	\$4,020	\$32,160	\$6,000	\$48,000
Masters with extension	\$1,002 - \$1,425	\$12,024 - \$17,100	\$4,020	\$48,240	\$6,000	\$72,000
Dual degree	\$1,002 - \$1,425	\$12,024 - \$17,100	\$4,020	\$48,240	\$6,000	\$72,000
Dual degree with extension	\$1,002 - \$1,425	\$16,032 - \$22,800	\$4,020	\$64,320	\$6,000	\$96,000

Postgraduate research programs	Domestic	International	
	Total cost of program	Cost per UOC	Total cost of program
Doctor of Philosophy (PhD)	N/A	\$950	\$136,800
Professional Doctorate of Public Health (DrPH)	N/A	\$950	\$136,800
Masters by Research	N/A	\$950	\$ 91,200
Master of Philosophy in Public Health (MPhil)	N/A	\$950	\$ 68,400

Commonwealth Supported Places (CSP)

A Commonwealth Supported Place is a higher education place for which the Commonwealth makes a contribution towards the cost of education. Students pay a Student Contribution amount. CSPs are available in all the School's programs.

HECS-HELP and FEE-HELP

HECS-HELP and FEE-HELP are Australian Government loans to assist students to help pay part or all of the tuition fees. These loans are available to students who are Australian citizens or Australian permanent residents with a humanitarian visa.

New name for School

UNSW Medicine and Health's School of Public Health and Community Medicine will now be called the School of Population Health to reflect their broader approach to population and global health.



The School of Public Health and Community Medicine was well overdue for a name change. The terms public health and community medicine reflect forty-year-old trends in research. "Community medicine" was used in the '70s and '80s for what is now described as population health. At that time, "community medicine" described efforts to address the social determinants of health. This is now recognised as an essential part of modern-day population health and the term "community medicine" is no longer used in public or population health fields.

Dropping community medicine from the school's name reflected a shift in vernacular, but Head of School Professor Rebecca Ivers explained the reasoning behind changing the school's name from Public Health to Population Health.

"There isn't much difference between the terms public and population health, and often the underlying concepts are used interchangeably. Public Health reflects an approach that focuses on the health of populations, but for those in the community it is more synonymous with the public health system."

Public health can be defined as what society does to assure the conditions in which people can be healthy. Public health works to protect and improve the health of communities through policy recommendations, health promotion and outreach, and research for disease detection and injury prevention.

"Population health, however, invokes the field of research that informs developments in the public health system. It is the framework through which we apply public health approaches. Population health seeks to characterise, explain and influence the levels and distributions of health, and health equity, within and across populations," Professor Ivers explained.

"In this sense it is more closely aligned with our approach to both teaching and research and our plans for the future."

The rise of complex public health challenges in Australia and globally has increased the need for cross-sectoral collaboration and environmental, policy and systems-level actions that influence the social determinants of health.

With strong programs in health systems and close relationships with our local health districts, primary health networks and partnerships across the health precincts of UNSW, the School will be the leader in research and teaching in health services, health management and leadership and drive delivery of value-based care in Australia.

"This all fits comfortably under a School of Population Health."

UNSW Medicine and Health's new School of Population Health will lead population health research and education at UNSW.

Key dates for 2022

Term 1 2022

Residential Week: 7 – 11 February 2022

Term 1 teaching period starts: 14 February 2022

Term 1 enrolment and fee payment deadline:
20 February 2022

Term 1 census date: discontinuation without failure/
financial penalty 13 March 2022

Last day of Term 1 teaching period: 22 April 2022

Results available on myUNSW: 19 May 2022

Term 2 2022

Residential Week: 25 – 29 May 2022

Term 2 teaching period starts: 30 May 2022

Term 2 enrolment and fee payment deadline:
5 June 2022

Term 2 census date: discontinuation without failure/
financial penalty 26 June 2022

Last day of Term 2 teaching period: 5 August 2022

Results available on myUNSW: 1 September 2022

Term 3 2022

Residential Week: 5 – 9 September 2022

Term 3 teaching period starts: 12 September 2022

Term 3 enrolment and fee payment deadline:
18 September 2022

Term 3 census date: discontinuation without failure/
financial penalty 9 October 2022

Last day of Term 3 teaching period: 18 November 2022

Results available on myUNSW: 15 December 2022

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School of Population Health UNSW Medicine and Health

**Compiled by the School of Population Health
UNSW Medicine and Health**

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