



Program

Infectious Diseases Intelligence (Extension)

9362 | 72 Units of Credit

Overview

The Master of Infectious Diseases Intelligence (MIDI) is essential for a career in health emergencies, outbreaks, infectious diseases risk assessment and emergency response related to infectious diseases and other threats. This program is designed for relevant stakeholders from any sector, who wish to gain a better understanding of infectious diseases intelligence in the era of new and emerging disease threats, and management approaches for the identification, assessment, prevention and control of infectious diseases. The MIDI (Extension) program extends students to expand their knowledge and skills in infectious disease research by allows candidates to undertake an advanced research project.

Program Objective

The UNSW Master of Infectious Diseases Intelligence (Extension) program provides students with advanced disciplinary knowledge and skills needed for professional practice in control of infectious diseases and emergencies across a range of contexts including ministries and departments of health, government organisations, non-government and voluntary organisations, and primary care and community healthcare services in both public and private sectors. The program fosters judgment-ready practitioners who can contribute to improving population health outcomes specific to infectious diseases in diverse settings.

Faculty

Faculty of Medicine

Campus

Kensington

Study Level

Postgraduate

Typical duration

1.7 Years

Delivery Mode

Face-to-face, Fully online

Intake Period

Term 1, Term 2, Term 3

Academic Calendar

3+ Calendar

Minimum Units of Credit

72

Award type

Masters (Coursework)

Award(s)

Infectious Diseases Intelligence (Extension) -

MIDI (Extn)**CRICOS Code**

0100677

Learning Outcomes

1. Demonstrate ability to plan and execute a scholarly research-based project using relevant methodologies for contributing understanding to the field within the specific area of research.

Scholars

Professionals

Leaders

2. Apply advanced disciplinary knowledge and skills to protecting the health of national and/or international populations and preventing communicable diseases using appropriate scientifically based methods and contemporary theories and techniques

Scholars

Global Citizens

Leaders

Professionals

3. Demonstrate capacity to initiate, plan, implement and/or evaluate projects and/or programs in a range of public health contexts informed by the scholarly literature, current debates, techniques etc. to protect and prevent disease spread within different population contexts.

Global Citizens

Professionals

Scholars

Leaders

4. Critically analyse priorities in infectious disease control and factors that influence current policy and funding at local, regional and global level

Professionals

Global Citizens

Leaders

Scholars

5. Demonstrate capacity to engage in scholarly inquiry, ethical commitment and critical reflective practice for informing professional practice in public health

Leaders

Professionals

Scholars

6. Demonstrate high level skills in communicating, working in teams and advocacy to promote and enhance interventions that prevent and control infectious diseases in populations

Leaders

Global Citizens

Scholars

7. Identify and critically appraise research literature in an area focused around infectious disease prevention and control to determine research question/s that contribute to knowledge in the field and identify appropriate research methodologies to address these question/s.

Professionals

Leaders

Scholars

Global Citizens

Graduate Capabilities:

For more information on Graduate Capabilities, please click on this [link](#).

Program Structure

Students must complete 72 UOC as a standalone program.

Core Courses

Students must take 30 UOC of the following courses.

PHCM9050 | 6 UOC

Immunisation Policy and Practice

PHCM9782 | 6 UOC

Infectious Diseases Challenges: Epidemiology and Control

PHCM9788 | 6 UOC

Outbreak Investigation and Intelligence

PHCM9789 | 6 UOC

Bioterrorism and Health Intelligence

One of the following:

PHCM9498 | 6 UOC

Epidemiology and Statistics for Public Health

PHCM9781 | 6 UOC

Evidence-informed Decision-making

Extension Project and Coursework Electives

Students must take one of the following options to complete the extension component of their program (24UOC).

- 6 UOC research project (PHCM9148) and 3 additional prescribed elective courses (18 UOC); or
- 12 UOC research project (PHCM9144) and 2 additional prescribed elective courses (12UOC); or
- 18 UOC major research project (PHCM9150) and 1 additional prescribed elective course (6 UOC).

Part-time students can complete the 12 UOC Project (PHCM9144) part time by enrolling in PHCM9145 (6 UOC) in two consecutive terms or the 18 UOC Major Project (PHCM9150) by enrolling in PHCM9151 (9UOC) in two consecutive terms or PHCM9152 (6 UOC) in three consecutive terms.

One of the following:

PHCM9144 | 12 UOC
Project

PHCM9148 | 6 UOC
Minor Project

PHCM9150 | 18 UOC
Major Project

Academic Practice: International Students

International students from non-English speaking countries enrolled in the full time program in Sydney (Kensington campus) are required to take the following additional preparatory course in their first semester. This course is available for all students to assist to gain maximum benefit from their study. The course is made available at no charge to students and does not contribute to the UOC requirements of the degree.

PHCM9100 | 0 UOC
Academic Practice

Prescribed Elective List 1

Students must take at least 6 UOC, up to a maximum of 18 UOC of the following courses.

PHCM9132 | 6 UOC
Applied Research Methods for Public Health

PHCM9522 | 6 UOC
Politics, Surveillance and Public Health

PHCM9622 | 6 UOC
The Global HIV Epidemic: Social Aspects and Impacts

PHCM9731 | 6 UOC

Outbreak Investigation

PHCM9783 | 6 UOC

Communicable Disease Control in Humanitarian Emergencies and Disasters

PHCM9784 | 6 UOC

Tropical Disease Control

PHCM9785 | 6 UOC

Predictive modelling in public health

PHCM9787 | 6 UOC

Infection Prevention and Control in the Healthcare Setting

Prescribed Elective List 2

Students must take 12 UOC of the following courses.

any level 9 Public Health and Community Medicine course

PHCM9103 | 6 UOC

Independent Study 6 Units of Credit

PHCM9143 | 6 UOC

Internship

PHCM9148 | 6 UOC

Minor Project

YMED5000 | 6 UOC

Integrated Emergency Management

YMED5001 | 6 UOC

Homeland Security

YMED5002 | 6 UOC

Hazards Governance

YMED5003 | 6 UOC

Public Management

YMED5004 | 6 UOC

IT in Emergency Management

YMED5005 | 6 UOC

Community Resilience and Recovery

YMED5006 | 6 UOC

Interoperability for Emergency Managers

YMED5007 | 6 UOC

Critical Incident Stress Management

YMED5008 | 6 UOC

Applied Data Analysis in Criminal Justice

YMED5009 | 6 UOC

Program Evaluation for Emergency Management and Homeland Security

YMED5010 | 6 UOC

GIS and Analysis

Enrolment Disclaimer

Unless advised otherwise by your program authority, you should follow the rules for the handbook for the year you commenced your program. You are also responsible for ensuring you enrol in courses according to your program requirements. myUNSW enrolment checks that you have met enrolment requirements such as pre-requisites for individual courses but not that a course will count towards your program requirements.

Related Programs

Related Programs

Master of Health Management - **MHM**

8901 Health Management

Faculty: Faculty of Medicine

Campus: Kensington

Units of Credit: 48

Typical Duration: 1 Years

[Read More](#)

Master of Public Health - **MPH**

9045 Public Health

Faculty: Faculty of Medicine

Campus: Kensington

Units of Credit: 48

Typical Duration: 1 Years

[Read More](#)

Master of International Public Health - **MIPH**

9048 International Public Health

Faculty: Faculty of Medicine

Campus: Kensington

Units of Credit: 48

Typical Duration: 1 Years

[Read More](#)

Admission Requirements

Entry Requirements

Local students should apply via UAC and International students apply via UNSW Apply Online. Applicants must submit evidence to support their application including evidence of completed coursework and, if relevant, professional experience including a statement of service from employers outlining the duration of employment, position title and roles and responsibilities. Evidence of professional registration may also be provided.

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*.

[*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.]

For more information about admission requirements for various UNSW programs, visit the following website(s):

[Domestic Students](#)

[International Student](#)

Program Requirements

Progression Requirements

Students must complete the 48 UOC requirements for the award of Master of Infectious Diseases Intelligence with a minimum WAM of 65% in order to progress to the 24 UOC MIDI Extension component of the program.

Students may exit the Master of Infectious Diseases Intelligence early to graduate with a Graduate Certificate in Infectious Diseases Intelligence (24 UOC) or a Graduate Diploma in Infectious Diseases Intelligence (36 UOC) if they have met the minimum requirements for these degrees.

For more information on university policy on progression requirements please visit [Academic Progression](#).

Pathways

Post Graduate

Doctor of Philosophy - **PhD**

1835 Public Health & Community Med

Faculty: Faculty of Medicine

Campus: Kensington

Units of Credit: 144

Typical Duration: 3 to 4 Years

[Read More](#)

Articulation Arrangements

Other program(s) within articulated suite:

Graduate Diploma in Infectious Diseases Intelligence - **GradDipIDI**

5362 Infectious Diseases Intelligence

Faculty: Faculty of Medicine

Campus: Kensington

Units of Credit: 36

Typical Duration: 0.8 to 1 Years

[Read More](#)

Graduate Certificate in Infectious Diseases Intelligence - **GradCertIDI**

7362 Infectious Diseases Intelligence

Faculty: Faculty of Medicine

Campus: Kensington

Units of Credit: 24

Typical Duration: 0.7 Years

[Read More](#)

Master of Infectious Diseases Intelligence - **MIDI**

8362 Infectious Diseases Intelligence

Faculty: Faculty of Medicine

Campus: Kensington

Units of Credit: 48

Typical Duration: 0.8 to 1 Years

[Read More](#)

Recognition of Achievement

Award with Excellence

The Award with Excellence is awarded in coursework masters programs, including Masters (Extension) but with the exception of Masters (Extended) such as JD and MD, when a Weighted Average Mean (WAM) of at least 80% has been achieved and at least 50% of the requirements of the award are completed at UNSW. All eligible programs will award 'with Excellence' except in special circumstances where approval of Academic Board has been given for a program to opt out.

For more information, please visit:

[Current Students Award with Excellence](#)

Additional Information

Contact

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Program Fees

At UNSW fees are generally charged at course level and therefore dependent upon individual enrolment and other factors such as student's residency status. For generic information on fees and additional expenses of UNSW programs, click on one of the following:

[Domestic Students](#)

[Commonwealth Supported Students](#)

[International Students](#)

Pre-2019 Handbook Editions

Access past handbook editions (2018 and prior)

[Pre-2019 Handbook Editions](#)

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Authorised by Deputy Vice-Chancellor (Academic)

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