

# School of Public Health and Community Medicine

## Master of Public Health in Public Security



### Public health and security in a changing world

Ongoing global political instability and terrorism is an emerging challenge for public health. The MPH Public Security stream is for students who want a strong grounding in public health combined with a specialisation in the health aspects of disasters, emergency management and crises including bioterrorism and epidemics. The Master of Public Health in Public Security will equip public health graduates with unique cross-disciplinary skills in emerging public health risks, disasters, terrorism, bioterrorism, disease intelligence, and in public health preparedness, response and control. This course is for professionals involved in any aspect of public security preparedness and response, who wish to be intellectually challenged to think outside the square, and to gain new critical skills which can be applied in their professional practice. Students do the core courses for the MPH stream and then choose from an array of electives from the School's public health courses, or international security and terrorism available from the Faculty of Arts and Social Sciences which strengthen their grounding in the political context of disasters. Also, as part of the PLuS Alliance, fully online electives can be taken in Homeland Security and terrorism from Arizona State University.

### Overview

Ongoing global political instability and conflict perpetuates the risk of terrorism, bioterrorism, chemical, radiological and nuclear threats. In addition, natural disasters and forced displacement of people pose additional public health challenges which require an understanding of health aspects of emergency response and disaster recovery. This degree presents a range of subjects to equip graduates with advanced public health skills as well as skills in health aspects of disasters and terrorism. Public health practitioners, clinicians, emergency services, police and the military need to be aware of these risks and have the public health knowledge and skills to understand and respond effectively to them.

The stream is for students who want a strong grounding in public health combined with a specialisation in the health aspects of disasters, bioterrorism, emergency management and crises including epidemics, which is reflected in their Testamur. It is particularly aimed at first-responders, analysts or policy makers from health, emergency management, law enforcement, military or other relevant backgrounds who have an interest in developing their public health knowledge and experience.

### Learning outcomes

The Public Security stream's learning outcomes are achieved by students

### Who should do this course?

This stream is ideal for first-responders, analysts or policy makers from public health, clinical medicine or nursing, paramedics, emergency management, law enforcement, military or other relevant backgrounds. No matter what your disciplinary background, if you are interested in health aspects of disaster management and emergency response, this program is for you.

completing a defined combination of established courses offered by the School of Public Health and Community Medicine. There are two stream-defining courses: PHCM9789 Bioterrorism and Health Intelligence, and PHCM9662 Health Aspects of Crises, Emergencies and Disasters. The MPH core courses must also be completed. These will provide students with a strong grounding in the principles and practice of preparing for and responding to infectious disease emergencies as well as advanced understanding of modern trends that heighten the risk of such emergencies. Courses offered by the UNSW Faculty of Arts and Social Sciences dealing with international security threats and terrorism are available as electives in the stream, to enhance the depth of understanding of this important field. We also offer electives fully online from Arizona State University as part of the PLuS Alliance. These include Homeland Security, Integrated Emergency



Management and Interoperability for Emergency Managers.

### Who should do this program?

The Master of Public Health (MPH) at UNSW is 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 Security specialisation of the MPH provides additional grounding for first line responders in human health aspects of preparedness and response to natural and unnatural disasters.

### Flexible delivery

For busy professionals with diverse needs, we provide you the flexibility to do this program in face-to-face mode, online or in blended mode to suit your lifestyle. Electives with the prefix "POL" are only offered face-to-face. We ensure an equivalent interactive learning experience regardless of which mode of delivery you choose. Our experienced tutors will be available to discuss problems online or face-to-face in the classroom.

#### Find out more about the Public Security specialisation:

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#### PROGRAM STRUCTURE

Students will need to complete eight courses to meet the requirements of the Master of Public Health in Public Security program and achieve all learning outcomes:

##### A. Three MPH core courses

PHCM9041 Foundations in Public Health and Health Care Systems

PHCM9012 Health Promotion and Social Perspectives of Health

PHCM9498 Epidemiology and Statistics for Public Health

##### B. Two Stream Defining Courses

PHCM9789 Bioterrorism and Health Intelligence

PHCM9662 Health Aspects of Crises, Emergencies and Disasters

##### C. Two courses from recommended electives listed below which include offerings from the School, UNSW Faculty of Arts and Arizona State University

##### ELECTIVES OFFERED BY THE SCHOOL:

PHCM9010 Community Development

PHCM9050 Immunisation Policy & Practice

PHCM9331 Ethics and Law in Public Health

PHCM9471 Comparative Health Care Systems

PHCM9522 Politics, Surveillance and Health

PHCM9605 International Health

PHCM9612 Environmental Health

PHCM9701 Health Leadership & Workforce Management

PHCM9731 Outbreak Investigation

PHCM9748 Clinical Governance & Risk Management

PHCM9782 Current Challenges in Infectious Diseases



PHCM9783 Communicable Disease Control in Humanitarian Emergencies & Disasters

PHCM9788 Infectious Diseases Intelligence

##### ELECTIVES OFFERED BY UNSW FACULTY OF ARTS AND SOCIAL SCIENCES:

POLS5121 International Organisations and Global Politics

POLS5122 International Political Economy

POLS5130 International Peace and Security

POLS5131 Terrorism and Political Violence

##### ELECTIVES OFFERED BY ARIZONA STATE UNIVERSITY:

YMED5000 Integrated Emergency Mgmt

YMED5001 Homeland Security

YMED5002 Hazards Governance

YMED5003 Public Management

YMED5004 IT in Emergency Management

YMED5005 Community Resilience Recovery

YMED5006 Interoperability for Emergency

YMED5007 Critical Incident Stress Mngt

YMED5008 Applied Data Analysis in CJ

YMED5009 Program Analysis for Emergency

YMED5010 GIS and Analysis

##### D. One more SPHCM elective

Any other SPHCM Elective, Internship or Research Project in Public Security

Images: Virus: US Army, Africa; Firefighters decontaminate & triage victim; Syrian refugee camp & food distribution: Flickr; iStock; Red Cross

# PLUS ALLIANCE

ARIZONA STATE UNIVERSITY

KING'S COLLEGE LONDON

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PHOENIX

LONDON

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