



**PUBLIC HEALTH**

## Introduction to Public Health

The continuous professional development in public health is necessary for all public health workforce. This is mainly to sharpen their skills, update their knowledge and meet the ever-growing needs in the health system.

The number of trained practitioners in this field is very small compared to the need for this specialization in health sector, hence the importance of designing training programs that include knowledge and skills in the field of public health which are considered as the link to bridge this gap between health system needs and human resources with expertise and skill.

Public health specialization is the mainstay and foundation for all sub-specialties in the areas of public health.

## Public Health Programs

The training in Public Health consists of three programs, with three months duration for each program:

Program 1: Foundations in Public Health

Program 2: Communicable & Non-Communicable Diseases

Program 3: Priority Programs in Public Health

## Eligibility Criteria

- Bachelor's degree from a recognized university in health, medicine, behavioural, or social sciences, or any other related field of science.
- Preferably with work experience in a health-related field
- Demonstrated ability to study in English

**Residents who complete the nine-month program requirements will be awarded a Professional Diploma**

<b>In All Programs:</b>	<b>Training Delivery method</b>	<b>Training Language</b>
	- In-class method - Blended learning method	- Arabic - English

## Who Should Apply

Professionals who are interested in widening their horizons and qualifying for leadership positions in national or regional health services/health systems or who strive for an academic or political career in the health field.

## Program Overview

This program is addressing the foundations in public health. It provides essential knowledge and skills needed to understand the field of public health. It is composed of five Modules.

The Modules under this program cover the main topics of interdisciplinary education and training to analyze practical problems, solutions and implementation, with a special focus on the Eastern Mediterranean Region (EMR).

## Learning Outcomes

By the end of the program, participants will be able to:

- Critically appreciate the different approaches in public health
- Manage data to inform actions in public health
- Apply epidemiology to study and manage diseases and other public health challenges
- Conduct operational research
- Analyse health systems

## Training Courses

- Introduction to Public Health
- Basics in Informatics and Statistics
- Basic Epidemiology
- Basic Concepts in Research Methodology
- Management and Leadership

## Field Work

Residents spend seven weeks in the field work in order to be exposed to real-life situations and to practice the skills they gain with the guidance of a dedicated mentor. The following field projects are expected to be conducted during the field work period:

- 1- Identify public health problems and comprehend the use of data in public health sectors
- 2- Apply methods of epidemiology, biostatistics, and environmental health in the field
- 3- Develop and implement realistic and focused public health field projects/assignments

### Program Overview

The program is a three-month professional degree program intended principally for graduating scholars to pursue a career in professional practice of public health and to become effective change-agents in the society.

The Modules cover the core subjects of interdisciplinary education and training for the analysis of practical problems, solutions, and implementation with a special focus on the Eastern Mediterranean Region (EMR). Its strong field orientation is unique in the region.

### Learning Outcomes

By the end of the program, participants will be able to:

- Apply principles of assessment and prevention of the most common non-communicable diseases (NCDs)
- Apply the social determinants and gender framework to inform public health interventions.
- Use the Total Quality Management and public health ethics concepts, to improve primary health care services
- Plan and implement communicable diseases prevention and control measures
- Apply epidemiological methods and tools in the context of humanitarian emergencies

### Training Courses

- Noncommunicable Diseases
- Social Determinants and Inequity
- Primary health Care and Quality of Service
- Communicable Diseases
- Principles of Public Health Emergency Management

### Field Work

Residents spend seven weeks in the field in order to be exposed to real-life situations and to practice the skills they gain with the guidance of a dedicated mentor. Participants can select from the following assignments and projects to complete their field work:

- Select a relevant Non-Communicable Disease and analyse the qualified treatment capacity in selected communities.
- Determine the social gradient of populations in your country and visit selected disadvantaged populations including interviews with key persons.
- Identify and select a major disease/ health risk/ injury in your country/region, justify your selection, analyze its burden and propose relevant public health interventions based on the identified burden.
- Visit the administration in your country and analyse the national capacity to cope with emergency situations of any kind.

Residents who complete the three-month program requirements will be awarded Technical diploma issued by International Academy of Public Health (IAPH) and accredited by Agency for Public Health Education Accreditation (APHEA).

### Program Overview

This program is addressing the priorities in population health. It provides knowledge and skills needed to understand and hence, manage specific public health programs.

### Learning Outcomes

By the end of the program, participants will be able to:

- Effectively initiate, plan, and implement health promotion activities
- Analyze and manage women's health issues relative to its public health implications
- Apply principles of analysis and management of environmental and occupational health problems
- Measure and value costs and effects of health care interventions
- Analyze the impact of human resource policies and processes on organizational performance in public health

### Training Courses

- Health Promotion
- Women's Health
- Environmental and Occupational Health
- Health Economics
- Governance of Population Health and Well-being

### Field Work

Residents spend seven weeks in the field in order to be exposed to real-life situations and to practice the skills they gain with the guidance of a dedicated mentor. participants can select from the following assignments and projects to complete their field work:

- Engage in an on-going health promotion program: Evaluate, improve and re-evaluate it.
- Collect qualitative interviews with representative women or representatives of disadvantaged/vulnerable populations on the basis of a self-developed or adapted set of relevant questions.
- Develop an economic analysis of environmental or occupational health problems and the most cost-effective interventions.
- Organize public meetings with political decision makers and discuss with them the options for reforming health services.

Residents who complete the three-month program requirements will be awarded Technical diploma issued by International Academy of Public Health (IAPH) and accredited by Agency for Public Health Education Accreditation (APHEA).



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