



Program Specification for MD Degree in Public Health and Community Medicine

Program type: Single

Department offering the program: Department of Public Health and Community Medicine

Program Code: COMM 900

Academic year: 2015-2016

Date of approval: July 2015

Program coordinators: Prof. Dr. Mona El Lawandi , Prof.Dr.Hanan El Raghi, and Prof Dr. Ibrahim Hegazy

External Evaluator: Dr. Mohsen Abdel-Hameed Gadallah

Professor of Public health and community medicine Ain-Shamas university

I. Aim of the Program

- 1- Create and nurture an environment conducive to interdisciplinary public health initiatives, with special emphasis on vulnerable populations who suffer disproportionately from illness and disability.
- 2-Pursue innovative and rigorous research on critical public health issues to prevent disease and injury, promote well-being, and foster overall physical and mental health.
- 3-Prepare future leaders in the field of public health by providing the highest quality education and practice opportunities in theories, approaches, methods, and other substantive issues pertinent to public health.
- 4-Inform public policy, disseminate health information, and increase awareness of public health concerns through disease surveillance, needs assessments, and program evaluation.
- 5- Stimulate collaboration with the community to develop effective partnerships in combating the health challenges in our communities, city, state, and region.

II. Intended Learning Outcomes of the Program (ILOs)

1-Knowledge and Understanding: By the end of the program the candidate should be able to:

- a- Describe the interrelationships among a multitude of factors which can impact on a public health problem, specifically scientific, medical, environmental, cultural, social, behavioural, economic, political, and ethical issues.

b- Demonstrate a knowledge of ethical standards and professional values as they relate to the practice of public health, and a sensitivity to the social context within which public health professionals practice.

c- Demonstrate a knowledge base in the disciplines of biostatistics, chronic and infectious disease epidemiology, health systems, public policy, social and behavioural sciences, and environmental health.

2. Intellectual Skills: By the end of the program the candidate should be able to:

a- Apply basic research skills to specific public health problems in both group and individual settings including the ability to define problems; construct, articulate, and test hypotheses; draw conclusions; and communicate findings to a variety of audiences.

b- Demonstrate the ability to use public health skills in the context of actual public health problems experienced in the community or work environment, through application of concepts, principles, and methodologies obtained through formal course work.

c- Critically evaluate programs, interventions, and outcomes which relate to public health practice.

d- Apply basic research skills to specific public health problems in both group and individual settings including the ability to define problems; construct, articulate, and test hypotheses; draw conclusions; and communicate findings to a variety of audiences.

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3. Professional and Practical Skills: By the end of the program the candidate should be able to:

a- Apply appropriate health education and communication strategies in different settings using behavioural change models;

b- Communicate effectively with clients, colleagues from other disciplines;

c- Deal appropriately with specific health problems;

d- Detect early signs for disease occurrence and manage appropriately.

e- Apply epidemiologic skills in a public health setting, specifically in the formulation or application of public health programs or policies;

f- Design an epidemiologic study for an investigation of an epidemic /outbreak as part of a health team and to address a question of interest;

g- Conduct, document and analyze a comprehensive situation analysis taking into consideration the multiple factors involved in health, nutrition and disease and adequately respond to these factors in favour of the client, patient & community;

h- Determine appropriate use of data and statistical methods for problem identification and resolution;

i- Participate in health promotion, disease prevention and national health care programs applying MOHP standards and protocols for different settings, different age groups particularly of the vulnerable groups;

j- Apply management functions in problem identification, prioritization, planning, implementation and evaluation of health care services;

4. General and Transferable Skills: By the end of the program the candidate should be able to:

a- Appreciate the role of cultural, social, and behavioural factors in determining disease, disease prevention, health promoting behaviour, and medical service organization and delivery.

b- Interact and communicate sensitively, effectively, and professionally and demonstrate respect for persons from diverse cultural, socioeconomic, educational, and professional backgrounds, and with persons of all ages and lifestyle preferences;

c- Appreciate the utilization of data in medical and social research;

d- Acknowledge the importance of a multidisciplinary approach and group for disease prevention, national health care programs and in conducting public health surveillance to address specific public health problems and issues;

Academic standards

1. Academic reference standards: The academic standards of Public health program is adopted and accredited by the departmental council

2. External References for Standards:

This program is unique since it incorporated different topics from different disciplines.

IV. Program Admission Requirements

According to the Faculty of Medicine, Cairo University Bylaws for postgraduate Programs (July 2009), applicants should have Master degree or equivalent accredit degree accredit of in the same specialty. Admission to the program is open during January and July. The training prior to registration may be accredited according to departmental evaluation.

V. Program Structure and Contents

Prog.M.D	Basic courses					المقررات الاساسية
	3	Medical services and nutrition		45	125	أ.د حنان عبد الغني الراجحي أ.د.م. شيماء باهر عبد العزيز
	2	Environment services		30	80	أ.د. هناء عبد الله أبو زينه

	3	Epidemiological methods and statistics		45	125	أ.د. محمد حسن حسين أ.د. مني ابراهيم اللاوندي
	2	Management		30	80	د. عزة عبد الرازق النعمان
	1	Communication		15	40	أ.د. أميمه كامل السلاموني
	3	Epidemiology		45	125	أ.د. نرجس البرت لبيب أ.د. مني سليمان محمد د. مروة رشاد سالم
	14					اجمالي المقررات الاساسية
.	Elective courses					مقررات اختيارية يختار منهم واحد فقط
	2	Epidemiological Methods		30	80	أ.د. محمد حسن حسين أ.د. مني ابراهيم اللاوندي
	2	Nutrition		30	80	أ.د. زينب امام عفيفي أ.د.م. شيماء باهر عبد العزيز
	2	Management services		30	80	د. عزة عبد الرازق النعمان
	2					اجمالي المقررات الاختيارية
	35					التدريب العملي