



## **Program Specification**

**for Master Degree in: - Public Health and Community Medicine**

**Program type: -single---**

**Program code: -COMM 800----**

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

**Total credit points: 155**

**Academic year: 2015/2016**

**Date of approval: July 2015**

**Program Coordinators: prof.dr.Mona El Lawindi, prof.dr.Mona Soliman-, prof dr. Hanan El Raghi, Prof dr.Ibrahim Hegazy**

**External evaluators: Dr. Mohsen Abdel-Hameed Gadallah**

**Professor of Public health and community medicine Ain-Shamas university**

### **I. Program aims**

1. 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.
2. Create and nurture an environment conducive to interdisciplinary public health initiatives, with special emphasis on vulnerable populations who suffer disproportionately from illness and disability.
3. 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.
4. Stimulate collaboration with the community to develop effective partnerships in combating the health challenges in our communities, city, state, and region.
5. Inform public policy, disseminate health information, and increase awareness of public health concerns through disease surveillance, needs assessments, and program evaluation.

### **II. Intended learning outcomes of program (ILOs)**

#### **1.Knowledge and understanding:**

**By the end of the program the candidate should be able to;**

- a - 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.
- b -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.
- c- 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.

## **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.

## **3.Professional and practical skills:**

**By the end of the program the candidates should be able to;**

- a- Apply epidemiologic skills in a public health setting, specifically in the formulation or application of public health programs or policies;
- b- Design an epidemiologic study for an investigation of an epidemic /outbreak as part of a health team and to address a question of interest;
- c- 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;
- D-determine appropriate use of data and statistical methods for problem identification and resolution;
- e- 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;
- f- Apply management functions in problem identification, prioritization, planning, implementation and evaluation of health care services;

- g- Apply appropriate health education and communication strategies in different settings using behavioural change models;
- h- Communicate effectively with clients, colleagues from other disciplines;
- i- Deal appropriately with specific health problems;
- j -Detect early signs for disease occurrence and manage appropriately.

**4-General and transferable skills:**

**By the end of the program the candidates should be able to;**

- a-Appreciate the utilization of data in medical and social research;
- b-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;
- c- Appreciate the role of cultural, social, and behavioural factors in determining disease, disease prevention, health promoting behaviour, and medical service organization and delivery.
- d -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;

**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**

| Program | Credit | Title | Dep. | Theoretical | Practical hours | Delivered by |
|---------|--------|-------|------|-------------|-----------------|--------------|
|---------|--------|-------|------|-------------|-----------------|--------------|

|                                    | points                                      |  | Council approval | hours | (pre-visit post+report) |  |
|------------------------------------|---|--|------------------|-------|-------------------------|--|
| <b>Courses 1<sup>st</sup> part</b> | <b>Basic courses</b>                        |  |                  |       |                         |  |
|                                    | <b>مقررات اساسية</b>                        |  |                  |       |                         |  |
|                                    | 4   | Environment  |                  | 60    | 320                     | أ.د. هناء عبد الله<br>أبو زينه   |
|                                    | 2   | Basic nutrition  |                  | 30    | 160                     | أ.د. زينب امام<br>عفيفي  |
|                                    | 1.5   | Bacteriology   |                  | 22    | 120                     | أ.د.م. هدي ابراهيم<br>رزق  |
|                                    | 1.5   | Parasitology   |                  | 22    | 120                     | أ.د.م. مشيرة أمين<br>زايد  |
|                                    | 1   | Psychology   |                  | 15    | 80                      | أ.د.م. غاده وهبي<br>محمد   |
|                                    | 10  | <b>اجمالي المقررات الاساسية</b>                            |                  |       |                         |  |
|                                    | <b>مقررات اختيارية يختار منهم اثنين فقط</b> |  |                  |       |                         |  |
|                                    | <b>Elective courses</b>                     |  |                  |       |                         |  |
|                                    | 0.5   | Bioethics  |                  | 8     | 40                      | د. نهي عاصم<br>محمد البلوني  |
|                                    | 0.5   | Medical Economics  |                  | 8     | 40                      | د. أمل سمير<br>سدراك   |
|                                    | 0.5   | Mental Health  |                  | 8     | 40                      | أ.د.م. غاده وهبي<br>محمد   |
|                                    | 0.5   | Breast feeding   |                  | 8     | 40                      | د. مروة رشاد سالم  |
|                                    | 1   | <b>اجمالي المقررات الاختيارية</b>                          |                  |       |                         |  |
| 42                                 | <b>التدريب اكلينيكي اساسي</b>               |  |                  |       |                         |  |
| <b>Course 2<sup>nd</sup> part</b>  | 5   | Epidemiology methods, Biostatistics & demography           |                  | 75    | 370                     | أ.د. مني ابراهيم<br>اللاوندي<br>أ.د. محمد حسن<br>حسين                              |
|                                    | 6   | Epidemiology of communicable and Non-communicable Diseases |                  | 90    | 450                     | أ.د. نرجس البرت<br>لبيب<br>أ.د. مني سليمان<br>محمد<br>د. ياسمين سمير<br>عبد الحميد |
|                                    | 5   | Health services Management & nutrition                     |                  | 75    | 370                     | أ.د. عزة عيد<br>الرازق النعمان<br>أ.د. حنان عبد الغني<br>الراجحي                   |
|                                    | 16  | <b>اجمالي المقررات الاساسية</b>                            |                  |       |                         |  |

|  |           |                       |
|--|-----------|-----------------------|
|  | <b>60</b> | <b>التدريب العملي</b> |
|--|-----------|-----------------------|