COURSE SPECIFICATION

(Public health and Community medicine PAR 518)

Faculty of Medicine– Mansura University

(A) Administrative information

(1) Programme offering the course:	Postgraduate Master degree of Medical Parasitology
(2) Department offering the programme:	Medical Parasitology Department
(3) Department responsible for teaching the course:	Public health and Community medicine Department
(4) Part of the programme:	first part
(5) Date of approval by the Department`s council	**9-5-2016**
(6) Date of last approval of programme specification by Faculty council	9-8-2016
(7) Course title:	Public health
(8) Course code:	**(PAR 518)**
(9) Total teaching hours:	45 hours lectures 30 hours practical
(10) Credits hours	3 lectures 1 practical

(B) Professional information

(1)Program Aims:

The aims of the program are to provide the candidates with:

1. Scientific knowledge essential for practice of Public Health and Community Medicine according to the international standards.
2. Skills necessary for preparing for proper diagnosis and management of community problems.
3. Skills for conducting and supervising researches on basic scientific methodology.
4. Maintenance of research interest and abilities.

(2) Intended Learning Outcomes (ILOs):

A- Knowledge and Understanding

A1. Define the sources of data and methods of collection for vital statistics and other demographic data.

A2. Describe sampling techniques and list advantages of sampling.

A3. Describe the study design, uses of different types.

A4. Recognize the etiology, pathogenesis, clinical features, diagnosis and complications of prevalent communicable diseases.

A5. Recognize communicable disease control and health promotion.

B- Intellectual skills

The Postgraduate Degree provides opportunities for candidates to:

B1. Design guidelines for a control program for a particular disease.

B2. Correlate the three interacting ecological factors—agent, host, and environment—affecting the occurrence of disease.

B3. Predict some of the medically important parasitic, bacterial, viral infectious diseases of public concern.

B4. Design different methods for prevention and control for each of these diseases.

B5. Propose principles of rodent and insect control in the community and hazards of rodent and insect.

B6. Analyze and evaluate information and data in the field of public health and community medicine and interpret data in accordance.

- Collect and verify data from different sources.
- Organize and manage data, including graphic and tabular presentations.
- Conduct health behavior theories to different community health problems.
- Assess risk in professional practices in the field of public health and community medicine.
- Plan to improve performance in the field of public health and community medicine.
- Identify different problems of the community and find solutions.
- Analyze researches and issues related to public health.

C- Professional/practical skills

The Postgraduate Degree provides opportunities for candidates to demonstrate the following professional skills:

C1. Comment on a research design.

C2. Choose the optimum type of study matching the nature of experiment.

C3. Data appropriateness.

C4. Interpretation of data, graphs and tables.

D- Communication & Transferable skills

The Postgraduate Degree provides the opportunity to demonstrate the following transferable skills:

D1. Establish a concise scientific activity according to standard scientific thinking and integrity.

- Review literature on a research topic.
- Retrieve recent data from web sites
- Manage time efficiently.

D2. Work productively in a team.

- Communicate effectively and respectively with colleagues, supervisors and staff members

D3. Able to react positively with health care professionals, the national campaigns and health authorities which are conducted to infection control practice.

(3)Curriculum structure and contents:

Subjects	Lectures/week 3	Clinical	Laboratory 2
Public health and Community medicine: **1-Research methodology** a) Basics of Study design b) Cross sectional study and the prevalence rate c) Cohort study, incidence rate, relative & d) attributable risk e) Case-control study, Odd's ratio f) Sampling	(12 hour)	----------	8 hour
2-Medical statistics: a) Data collection methods b) Types of Data c) Tabulation of data d) Graphical presentation of data e) Central tendency f) Normal distribution curves **g)** Basics of Screening	(14 hour)		10 hour

3-Infectious diseases: **a)** HBV b) HCV c) HAV d) AIDS e) Schistosmiasis f) Malaria g) Toxoplasma **h)** Typhoid fever	(16 hours)		8 hour
4-Insect and rodent borne infections	(4 hour)		4 hours
Total tecach. Hours	45		30
Total credit	3		1

(4) Teaching methods:

4.1: Lectures

4.2: Power point presentation

4.3: Seminar one hour duration done every 4 weeks about the recent advances in this field

(5) Assessment methods:

Written exam for assessment of knowledge and intellectual ILOs

MCQ for assessment of knowledge and intellectual ILOs

Oral for assessment of knowledge, intellectual and transferable ILOs

OSPE for assessment of knowledge, intellectual, practical and transferable ILOs

Percentage of each Assessment to the total mark:

Other assessment without marks: seminars as described above included in the log book.

Assessment tool:

Tools	Marks	Percentage of the total mark
Written exam	72	60%
MCQ	18	
Structured Oral exam	30	20%
OSPE Practical exam	30	20%

Total	150

(6) References of the course:

Text book of public health and community medicine.

Course coordinator: Dr. Manar Sobh Azab

Head of the department: Dr. **Hala Ahmed El Nahas**

Date: /6/2016.