

Course Specification

Public Health and Community Medicine

1. General information

Course Title	Public Health and Community Medicine
Code No.	CO742
Department	Public Health and Community Medicine
Teaching Hours	120hrs.
Language	English
Academic Year	Fourth Year
Course Coordinator	Dr Mohamed Ahmed Daw
Date and Signature	October 2020

1.1 . Number of hours per week

Lectures: 3hrs.

Practical: 1hrs.(1month)

Tutorial:1hr.

Total: 5hrs.

2. Objectives of Course:

- Develop a graduate who can act as the first line of defense and management in public health by having knowledge about the potential emerging/ re-emerging threatening diseases
- Develop a graduate who will apply the knowledge and skills learned, and is able to take leadership in motivating the community served
- Develop a graduate who capable of implementing preventive and control measures for common communicable diseases on the individual, family and community levels.

3. Intending Learning Outcomes (ILOs):

a. Knowledge and Understanding:

On successful completion of the course, student will be able to:

a.1	Define epidemiologic approaches of disease occurrence in communities
a.2	Describe the role of PHC physician in addressing local health problems, the prevention and control of vulnerable groups' health problems
a.3	Describe the quality cycles and its utilization in different public health settings

b. Intellectual skills:

On successful completion of the course, student will be able to:

b.1	Explain the ecological factors of morbidity and mortality within the concept of epidemiologic and demographic transitions
b.2	Determine appropriate use of data and statistical methods for public health problem and threats
b.3	Explain how different health related behaviors can have an impact on health and disease

c. Practical and Professional Skills:

On successful completion of the course, student will be able to:

c.1	Identify the infectious cycle for selected diseases and apply appropriate health promotion.
c.2	Participate in investigation of an epidemic /outbreak as a part of health team and design an epidemiologic study
c.3	Identify trends in health and disease including epidemiological causes of high prevalence of certain infections.

d. General and Transferable skills:

On successful completion of the course, student will be able to:

d.1	Able to collaborate with colleagues in a team work during field visits, class discussion, as well as solving problems
d.2	Demonstrate respect to all patients irrespective of their socioeconomic levels, culture or religious beliefs and use language and other communication skills appropriate to the patient culture
d.3	Able to retrieve information and able to use the recent information and communications technologies

4. Course Contents:

Academic Subject	Total Hours 120	Lectures	Tutorials
Family medicine	10	8	2
Measurements of health	2	2	-
Occupational health	12	10	2
Epidemiology of non-communicable diseases	8	6	2
Communicable diseases	16	14	2
Epidemiology	12	10	2
Medical Statistics	12	10	2
Environmental health	9	8	1
Health administration	9	8	1
Social and behavioral science	9	8	1
Nutrition in health and disease	3	2	1
Communication and health education	5	4	1
Primary health care and health care delivery	3	2	1
International health	2	2	-
Health planning and management	3	2	1
Social sciences and health.	3	2	1
Mental health	2	2	-

5. Teaching and Learning Methods :

- Formal Lectures
- Practical sessions: Field visits with guidance
- Tutorials and case-based discussion

6. Evaluation Methods

Evaluation Method	Date	Marks 200	%	ILOs Assessed
1 Mid-year Exam	June	35	17.5%	Knowledge, understanding and intellectual skills
2 Final Exam	November	165	82.5%	
▪ Written		90		Knowledge, understanding and intellectual skills
▪ Clinical		45		knowledge, understanding and intellectual skills Practical and professional skills General and transferable skills
▪ Oral		30		Knowledge, understanding and intellectual skills Professional, general and transferable skills

7. Evaluation Schedule:

Evaluation	Date
Mid-term written exam: True & False questions & MCQs with case studies Essay questions, matching and complete the blanks	June
Final written exam: True & False questions, MCQs with case studies Essay questions, matching and complete the blanks	November
Practical exam: Field visits logbook	November
Oral exam: conducted by external examiners	November

8. References:

Reference title	Edition Publisher	Place Author
Health & Preventive Medicine		Maxcy - Rosenau
Supplementary books: Communicable Disease Epidemiology and Control	London School of Hygiene and Tropical Medicine	Roger Webber
CDs loaded with data used during clinical and theoretical teaching containing		

9. Required Facilities:

Required Facilities	Comments
Lecture halls	
Digital board	
Data show	

Course Coordinator: Dr Mohamed Ahmed Daw

Signature:

Programme Coordinator: Dr. Hussain Amaigil

Signature:

Head of Department: Dr Mohamed Ahmed Daw

Signature:

Date: October 2020

Course ILOs Mapping Matrix – Public Health and Community Medicine

Topic	Knowledge and Understanding a			Intellectual Skills b			Practical and Professional Skills c			General and Transferable Skills d		
	1	2	3	1	2	3	1	2	3	1	2	3
Family medicine	x	x		x	x		x	x	x	x	x	x
Measurements of health	x							x	x	x	x	x
Occupational health	x		x		x				x	x	x	x
Epidemiology of non-communicable diseases			x						x	x	x	x
Communicable diseases	x	x	x	x	x		x	x	x	x	x	x
Epidemiology			x	x	x	x				x	x	x
Medical Statistics	x	x	x	x	x			x	x	x	x	x
Environmental health										x	x	x
Health administration	x	x				x			x	x	x	x
Social and behavioral science	x	x			x		x		x	x	x	x
Nutrition in health and disease						x	x	x		x	x	x
Communication and health education	x	x			x		x			x	x	x
Primary health care and health care delivery	x		x	x	x	x	x	x		x	x	x
International health	x							x		x	x	x
Health planning and management		x	x			x		x		x	x	x
Social sciences and health.	x		x			x		x	x	x	x	x
Mental health	x	x		x				x		x	x	x