

Master Degree on Public Health

Public Health Program:

1. Introduction:

MPH program is designed to prepare individuals for broad classes of actions that make them productive in local, state, national and international service epidemiology positions or in academia or in core area of public health.

2. Vision:

We are seeking to be the premier academic institution that disseminates knowledge and high quality of research activity to develop effective solutions to current and future public health problems in Sudan and worldwide.

3. Mission:

Advocating for the very best conditions for good health through preparing a diverse practitioners and scientists .This will be achieved by bringing various disciplines together to educate individuals (undergraduates +students from neighbor developing countries).

4. Value of MPH:

The Master of the Public Health has a responsibility to use knowledge and skills and high ethical standards to prepare students to serve as ethically, culturally, and scientifically competent Public Health practitioners and academicians.

5. Objective:

- o To provide well-trained health professionals to demonstrate competency in core areas of public health.
- o To create chances for the students to participate in Faculty research.
- o To promote excellence in teaching this helps in preparing the next generation of the epidemiologist.
- o To provide service to the state and region in efforts to study, prevent, and control disease and injury

6. Intended Learning Outcome:

At the end of the program, the candidate will be able to:

- Inform people about health issues
- Demonstrate knowledge in all public health fields.
- Diagnose and monitor health problems and health hazards in the community

7. Available Resources:

- a. Human
 - 3 Associated prof
 - 6 Assistant Prof
- b. Labs
 - 3 Lab (Microbiology +Biochemistry +Parasitology)
- c. Library
- d. Classes + Screens + Data show

8. Academic System:

1. Name of program: Master degree on public health specialization
2. Qualifying year 18 hours (not included in credit hours of M.Sc.)
3. M.Sc. By courses:
 - Four semesters (17 weeks each including examination and reading week)
 - Two semester courses each semester 17 weeks, with 18 credit hours each semester
 - Two semesters for dissertation.
4. By research: At least 18 months
M.Sc. 42 hours, four semesters

8. Teaching & Learning Strategy:

This will be experienced through:
Theoretical classes, practices, tutorials, seminars, assignments, group discussions, personal communication.

9. Students Evaluation

The performance of the student will be evaluated through:

- a) Continuous assessments through assignments, reports, seminars and quizzes,
- b) Theoretical, practical and oral examinations
- c) External examiners

1.	Theory	60%
2.	Assignment and report	10%
3.	Seminars and participation	10%
4.	Med-term exam	10%
5.	Laboratory / field visits.	10%

Program Study Credit hours:

Requirements	Number of Courses	Number of hours
Program Requirements	5	22
Specialization Requirements	8	24
Totals	13	46

Program Courses Requirements:

Course Code	Course Name	Credit hours	Prerequisites
PHCR8101	Biostatistics	3	None
PHCR8102	Health Economic	3	None
PHCR8201	Research Methodology	3	Biostatistics
PHCR8202	Health care system in Sudan	3	None
PHCR 8301	Dissertation	10	Research Methodology
Total hours			22

Specialization Courses Requirements:

Course Code	Course Name	Credit hours	Prerequisites
PHPH8101	Fundamentals of epidemiology	3	None
PHPH8102	Principles of molecular biology	3	None
PHPH8103	Principles of immunology	3	Biochemistry background

PHPH8204	Global health	3	1. Health economics 2. Principles of epidemiology
PHPH8205	Integrated vector management	3	1. Medical entomology 2. Vector control
PHPH8206	Molecular epidemiology of infectious disease	3	1. Principles of molecular biology 2. Fundamentals of epidemiology 3. Communicable diseases
PHPH8207	Advanced epidemiology	3	Fundamentals of epidemiology
PHPH8108	Public health informatics	3	None
Total hours		24	

Prerequisite Course	Credit hours	Total hours	Contact hours		Code	Subjects	
			Practical	Theory			
None	3	4	2	2	PHCR8101	Biostatistics	1-
None	3	4	2	2	PHCR8102	Health Economic	2-
None	3	4	2	2	PHPH8101	Fundamentals of epidemiology	3-
	3	4	2	2	PHPH8102	Principles of immunology	4
	3	4	2	2	PHPH8103	Public health informatics	5
None	3	4	2	2	PHPH8104	Principles of molecular biology	6
	18					Total hours	

[study plan](#)