



# Course Specification

(Bachelor)

Course Title: **Public Health**

Course Code: **1210103**

Program: **Bachelor's degree of Medicine and Surgery Program(MBBS)**

Department: **Family and Community Medicine**

College: **faculty of medicine**

Institution: **Northern Border University**

Version: **1**

Last Revision Date: **18-01-2024**





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## A. General information about the course:

### 1. Course Identification

1. Credit hours: ( 2)

2. Course type

A. ☐ University ☒ College ☐ Department ☐ Track ☐ Others  
B. ☒ Required ☐ Elective

3. Level/year at which this course is offered: ( 3<sup>rd</sup> level /1<sup>st</sup>. year)

4. Course general Description:

This course conducted during the 1<sup>st</sup>. year of health science faculties and designed to deliver the learning objectives. The course will contain the basic concept of the public health .

5. Pre-requirements for this course : NA

6. Pre-requirements for this course :NA

7. Course Main Objective(s):

1. Know basic concept of public health
2. Identify different level of prevention
3. Explain the concepts and constituents of nutritional items.

### 2. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	30	100
2	E-learning		
3	Hybrid <ul style="list-style-type: none"> <li>Traditional classroom</li> <li>E-learning</li> </ul>		
4	Distance learning		



### 3. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	24
2.	Laboratory/Studio	6
3.	Field	
4.	Tutorial	
5.	Others (specify)	
Total		

### B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
1.1	Explain the three interacting ecological factors: Agent, Host, and Environment affecting the occurrence of disease	K2	Direct instruction (Lecture) Interactive instruction (tutorial)	written exam Continuous assessment
1.2	Identify the essential principles of infection prevention and control	K2	Direct instruction (Lecture) Interactive instruction (tutorial)	written exam Continuous assessment
...				
2.0	Skills			
2.1	Communicate effectively with colleagues and instructors		Interactive instruction (seminars)	Seminar checklist



Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
3.0	Values, autonomy, and responsibility			
3.1	Communicate ethically with colleagues and facilitators		Interactive instruction (seminars)	Seminar checklist
3.2	Operate self-learning from updated medical information from different approved sources in the web.		Interactive instruction (seminars)	Seminar checklist
...				

### C. Course Content

No	List of Topics	Contact Hours
1.	Health and disease	2
2.	Epidemiology introduction	3
3.	Epidemiological triad	2
4.	Epidemiological cycle: reservoir & mode of transmission	3
5.	susceptibility & immunity (1): general defense mechanism	2
6.	susceptibility & immunity (2): specific acquired immunity	3
7.	Prevention & Control of infectious diseases	3
8.	Environmental health	2
9.	Nutrition and health	3
10.	Digital and social media health	1
Total		

### D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Midterm		20%
2.	Final exam		40 %
3.	Assignment		20%
4.	seminar		20%
...			

\*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.).



## E. Learning Resources and Facilities

### 1. References and Learning Resources

Essential References	PARK K. PREVENTIVE AND SOCIAL MEDICINE. 24th EDITION, BHANOT, 2017.
Supportive References	A. JEKEL J.F. EPIDEMIOLOGY, BIOSTATISTICS, AND PREVENTIVE MEDICINE. Third EDITION, SAUNDERS, 2007. B) HEYMANN D.L. CONTROL OF COMMUNICABLE DISEASE MANUAL. 20TH EDITION, APHA, 2015
Electronic Materials	www.who.int/ar WWW.cdc.gov
Other Learning Materials	

### 2. Required Facilities and equipment

Items	Resources
<b>facilities</b> (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	Lecture rooms accommodate no more than 50 students. The faculty library in male and female sections Data show is required in the lecture rooms.
<b>Technology equipment</b> (projector, smart board, software)	Internet access Smart board is available in lecture rooms
<b>Other equipment</b> (depending on the nature of the specialty)	NA

## F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Students	Indirect assessment
Effectiveness of Students assessment	Students	Indirect assessment
Quality of learning resources	Student	Indirect assessment
The extent to which CLOs have been achieved	Instructor Students	Direct assessment Indirect assessment
Other		

**Assessors** (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

**Assessment Methods** (Direct, Indirect)

## G. Specification Approval

COUNCIL /COMMITTEE

FAMILY AND COMMUNITY MEDICINE DEPARTMENT





REFERENCE NO.	NO.5 (2023/2024)
DATE	21/1/2024

