

Syllabus/Curriculum of the Master of Public Health (MPH) Program

Name of the Program : Master of Public Health (MPH)

Name of the Department : Department of Public Health

Name of the Faculty : Science & Engineering

Objectives and Goal :

The aims of the program is to provide training in public health to the qualified health professional and to others individuals whose prior training and experience prepare them to play a leadership role in the field of public health. Major objectives of the program are:

- To provide highest level of education and training to ensure capacity development in public health program management, research and development.
- To explore new idea, information and knowledge for improved health of the people of the country.
- To disseminate knowledge, development and discovers to concerned academic policy makers and development partners.

Admission:

The students must fulfill the following requirement for admission into MPH program:

1. MBBS, BDS or equivalent degree from any medical colleges recognized by Bangladesh Medical and Dental Council (BMDC).
2. Post-graduates of Masters in Biological or Relevant Sciences.
3. B.Sc Nursing as recognized by respective National Nursing council or equivalent degrees.
4. B.Sc in Health Education or equivalent degree from an accredited institution.
5. Applicants must hold any of the following degrees: M.D, B. Pharm., D.D.S., D.V.M., B.Sc. in Physiotherapy, B.Sc in Lab. Science, or any Health related degree, from an accredited institution.
6. At least second class in all exams or a minimum CGPA of 2.5 on a 4-point scale.
7. For foreign students whose mother language is not English need TOEFL score of minimum 500 or IELTS score 5.00.
8. As the course is conducted in English, applicants with good command in English is necessary for admission.

Medical graduates with experience of 02 years or more and non-medical graduates with experience of 03 years or more respectively, in the field or Public Health or a related area (excluding internship) will be preferred. Applicants should have an experience working in developing countries. Students will be selected through an assessment of their application form. Prescribed application form will be available in the institution on payment of usual fee for registration. A minimum of 45 credits with a GPA of at least 2.5 (C+ average) and at least on full year (3 semesters) of participation are required. Every student has to satisfactorily complete a field research project (Dissertation) to completely fulfill the requirement of MPH degree.

Evaluation Procedures

Evaluation of students' performance will be based on final examination, midterm examination, class-test/assignments and attendance. Classroom evaluation including attendance, class tests and assignments will cover 40% of the total marks and the remaining 60% are reserved for the midterm and final examinations. For Lab courses evaluation will be based on attendance, Lab assignment, Lab report, Experiment and Viva. The distribution of marks and grading system are as follows.

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□ Marking System:

Theory course:

Attendance	10%
Class test	10%
Assignment	6%
Presentation	14%
Midterm Examination	25%
Final Examination	35%

Lab course:

Attendance	10%
Lab Assignment	10%
Report	10%
Project/experiment	50%
Viva	20%

□ Grading System:

Numerical Grade	Letter Grade	Grade Point
80% and above	A+(A Plus)	4.00
75% to less than 80%	A (A Regular)	3.75
70% to less than 75%	A- (A Minus)	3.50
65% to less than 70%	B+ (B Plus)	3.25
60% to less than 65%	B (B Regular)	3.00
55% to less than 60%	B- (B Minus)	2.75
50% to less than 55%	C+ (C Plus)	2.50
40% to less than 50%	C (C Regular)	2.25
40% to less than 45%	D	2.00
Less than 40%	F	0.00

Following information should be in the syllabus

MASTER OF PUBLIC HEALTH (Course design)
Two years course with 51 credit hours-six semesters

First Year: 1st Semester			
Course No	Course Title	Credit Hours	Hours
PH001	Social and Behavioral Aspects of Public Health	1	20
PH002	Epidemiology	2	40
PH003	Epidemiology & Management of Communicable Diseases and Non-Communicable Diseases Programs	2	40
PH004	Biostatistics	2	40
PH005	Population Sciences	1	20
Total =		8	160

First Year: 2nd Semester			
Course No	Course Title	Credit Hours	Hours
PH006	Women & Child Health and Gender Issues	1	20
PH007	Health System & Policies in Public Health	2	40
PH008	Ethics in Public Health	1	20
PH009	Health Economics & Health Care Financing	2	40
PH010	Occupational and Industrial Health	1	20
PH011	Environmental Health and Sustainable Development	2	40
Total =		9	180

First Year: 3rd Semester			
Course No	Course Title	Credit Hours	Hours
PH012	Nutrition and Food Safety in Public Health	1.5	30
PH013	Health Communication and Behavior Change Communication	1.5	30
PH014	Research Methodology	2	40
PH015	Health Program Management	2	40
PH016	Global Health	1	20
Total =		8	160

Specialization

(Any one would be opted by the students)

1. Health Management
2. Clinical Research

Health Management

Second Year: 1st Semester			
Course No	Course Title	Credit Hours	Hours
PH017	Strategic management	2	40
PH018	Organization Behavior and Design	3	60
PH019	Human Resource Development	3	60
Total =		8	160

Second Year: 2nd Semester			
Course No	Course Title	Credit Hours	Hours
PH020	Quality Assurance and Total Quality Management	2	40
PH021	Management Information and Evaluation System	3	60
PH022	Social entrepreneurship + Marketing	3	60
Total =		8	160

Second Year: 3rd Semester			
Course No	Course Title	Credit Hours	Hours
PH023	Internship with health care organization – Thesis writing and presentation	10	200
Grand Total=		51	1020

Clinical Research

Second Year: 1st Semester			
Course No	Course Title	Credit Hours	Hours
PH024	Epidemiology and principles of clinical research	2	40
PH025	Drug discovery and Development	2	40
PH026	Ethics in clinical trials	2	40
PH027	Drug safety and pharmacovigilence	2	40
Total =		8	160

Second Year: 2nd Semester			
Course No	Course Title	Credit Hours	Hours
PH028	Statistics and Data Management for clinical research	2	40
PH029	Designing of clinical trials	2	40
PH030	Regulatory affairs in clinical research	2	40
PH031	Management of clinical trials	2	40
Total =		8	160

Second Year: 3rd Semester			
Course No	Course Title	Credit Hours	Hours
PH032	Internship with industry , Thesis writing and presentation	10	200
Grand Total =		51	1020