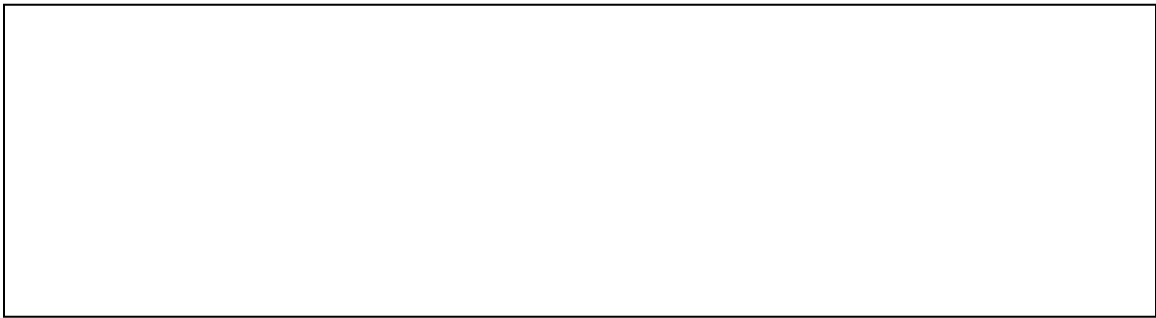


DUHS

Masters Program In Public Health

2012-2014

Picture of new Academic Block DUHS



Dow University Of Health Sciences

Prospectus

Masters in Public Health

Session 2012-2014

Dow University of Health Sciences

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-- Photographs and introductory Page s of university program

MASTER OF SCIENCE IN PUBLIC HEALTH

The program:

The Master in Public Health (MPH) offered by the Dow University of Health Sciences (DUHS), Karachi is a two year post-graduate degree program. The MPH degree is the most widely recognized professional credential for leadership in public health. The program emphasizes active, student-directed learning, problem solving, and the acquisition of skills essential to the practice of public health. The applications of this field of knowledge are enormous. Public health physician are health scientists better understand the impact of chronic illnesses such as coronary artery diseases, cancers, hepatitis and diabetes on our population and help in detecting new and emerging health threats. The program is tailored to understand in-depth knowledge of epidemiology, biostatistics, health service administration, Environmental health, communicable and non communicable diseases etc, and their application in analyzing the major public health issues worldwide with more emphasis on developing countries particularly Pakistan.

Objectives of the program:

The overall objectives of the MPH program are:

- To provide training in public health to qualified health professionals and to other individuals whose prior training and experience prepares them to play a leadership role in public health.
- To adapt MPH training to the diverse backgrounds and anticipated future careers of students.
- To award the MPH degree to individuals who have acquired a particular depth of knowledge in public health sciences and who have demonstrated the following capacities to: understand the distribution of major determinants of health in populations, effectively contribute to the management of health services, analyze risks and devise strategies for a healthier environment, a safer workplace, and fewer injuries, identify ways in which changes in behavior and social structures may affect the health of populations.
- To lead students to achieve these capacities in a community setting that demands that the students query, learn, persuade, and communicate in active interchange with their peers, with faculty, and with practitioners outside the Institution.
- To teach basic skills needed to critique the medical literature by providing a fundamental understanding of Epidemiology and Biostatistics

- To provide experience in designing, conducting epidemiological studies and would be able to manage, analyze and interpret data.
- To develop interventions against the problems identified in research studies.

Program Structure:

It's a two and half year program, comprising of 4-semesters. All the course work will be scheduled during the three semesters, and the last semester is assigned for internship program and dissertation writing/research.

Program Requirements:

Students of this program must:

- Complete 12 required credit courses for each(3) semester and 3 zero credit courses
- Complete 6-8 weeks internship program
- Complete and successfully write and defend dissertation (10 credit hours)
- Mini semester (4 credit hours)

Complete total 50 credit hours.

Thesis Requirements:

The thesis is usually a project, which addresses well-defined objectives and/or hypothesis. This may be either:

- A small stand-alone project involving study design, data collection, analysis and interpretation, or
- The analysis and interpretation (relevant to objectives) of either previously collected data or data from a discrete subsection of an ongoing project.

Time Line for Students:

A student must complete their required credit and non-credit courses in two years. The internship program should be completed during the autumns break. Ideally, the thesis will be completed by the end of the second year of registration. The thesis must be completed by the end of the third year or the student will be withdrawn from the program.

Progress Requirement:

The university review committee will require a student to withdraw from the program if he/she is not making adequate progress. This progress include: following the time line recommended above, regularly meeting with the thesis supervisor and maintaining a continued effort on the thesis research as well as maintaining at least a B average in course work.

FACULTY:

Full time:

- (1) Dr. Nazeer Khan
- (2) Dr. Hussain Bux Kolachi
- (2) Dr. Nighat Nisar (3) Dr. Yasmeen Mumtaz
- (4) Dr Saima Akhund (5) Dr Shaheen Aga
- (6) Dr Kiran Mehtab (7) Dr Zulfiqar Sheikh
- (8) Dr Ashraf Jehangir (9) Dr Ghazala Usman
- (10)Dr Anzar (11) Dr Lubna
- (12) Dr Tajuddin Malick
- (13) Dr Khalid Shafi
- (14) Dr Tahir Rizwan khan
- (15) Dr Sabina Jalal

Visiting Faculty:

- (1) From outside, like: Karachi University, KMDC, Aga Khan

Timing: 9.00 – 3.00 pm five days a week.

Fee structure:

Seventy Eight thousand (78,000) rupees for each semester.

Curriculum

Semester 1 (January 2012 July 2012) (15 credits hours, 3 credit hours for each unit, except MSE01)

- 1) MPH1: Basic Epidemiology
- 2) MPH2: Basic Biostatistics
- 3) MPH3: Foundation of Public Health
- 4) MPH4: Research Methodology (Understanding, writing and reviewing scientific papers)
- 5) MPH5: Social and Behavioral Sciences
- 6) MPH01: Basic computer skills (MS Office; SPSS) (zero credit hours)

Semester 2 (August 2012- December 2012), (12 credits hours, 3 credit hours for each unit, except MSE02)

- 1) MPH6: Infectious Diseases
- 2) MPH7: Environmental & Occupational Health
- 3) MPH8: Health services administration
- 4) MPH9: Chronic Non Communicable Diseases
- 5) MSE02: Basic Communication Skills (zero credit)

Preparation of protocol and submission to review committee

Semester 3 (January 2013- July 2013) (12 credits hours, 2 credit hours for each unit, except MSE03)

- 1) MPH10: Reproductive Health & MCH
- 2) MPH11: Health promotion
- 3) MPH12: Medical Ethics
- 4) MPH13: Demography
- 5) MPH14: Nutrition
- 6) MPH15: Medical Genetics
- 7) MPH03: Teaching methodology (zero credit)

Semester 4 (August 2013 – January 2014) (10 credit hours)

Research activity

6-8 weeks internship

Thesis Defense

Total 50 credit hours

ADMISSION PROCEDURE

ALLOCATION OF SEATS:

Fifteen (15) seats will be offered on open Merit in the program for both males and females

APPLICATION FORM:

Application form is attached in the prospectus.

ENTRANCE TEST:

- All eligible candidates will have to appear in the entrance test at Dow Medical College DUHS.
- Each application form for admission must be accompanied by a non-refundable entrance test fee of Pakistani Rupees in the form of pay order/bank draft in favor of The Dow University of Health Sciences, Karachi.
- The entrance is valid only for the current session of admission
- The admit card for entry test will be dispatched via courier
- In case the admit card is not received by the candidate , they should contact University on e-mail :admissions@duhs.edu.pk
- The entrance test will assess the candidate knowledge of Mathematics, English and Logical reasoning.
- Interview and verification of documents will be done as University Regulations.

Note: Please keep visiting DUHS website for any notices or changes.

ELIGIBILITY CRITERIA:

Application for admission in this program must have MBBS from a recognized institution and one year house job. The individual having 4 years bachelor's degree in a discipline related to health sciences or statistics from an accredited institution, approved by Higher Education Commission of Pakistan can also apply. The fields other than medicine include; biology, dentistry, nursing, health science, veterinary sciences, psychology, biostatistics. Applicants will require sending the application form along with academic records, two letters of reference and brief outline of his/her career goals.

DOCUMENTS REQUIRED WITH APPLICATION FORM:

Two attested photocopies of the following documents must be attached with the application form:

- a. Bachelor's degree with valid PMDC Certificate/ relevant field council
- b. House job certificate
- c. Certificate of Matric exam/ 'O' level/Equivalent.
- d. Sindh domicile certificate of father/ guardian. In case of Father's death provide copy of death certificate.
- e. National identity Card (NIC) of father issued by NADRA (having permanent residence of Sindh)
- f. Domicile of Candidate from Province of Sindh
- g. Candidates permanent residence certificate (PRC) Province of SINDH on Form C
- h. Candidate National identity card (NIC) or form B of NADRA
- i. Candidates six recent passport size photographs with (3 attested from front and three from back)
- j. A certificate of affidavit/declaration, with statement to abide by the rules and regulations of admission
- k. GRE/TOEFL/ ILETS certificate if applicable in case of foreign candidates and GAT in case of local candidates
- l. Pay order/ demand draft of Pakistani rupee in favour of Dow University of Health Sciences as entrance test fee, which is non-refundable.

Note:

- Two set of documents photocopies to be attaches in two separate files in one with original application form and in second file with photocopy of form, pay order, NIC copies and photographs to be staples in file 1.
- Applicants in Government Service must apply through proper channel

Specimen of Affidavit/ Declaration

This is to certify that we have read the rules and regulations mentioned in the prospectus and agree to abide by them. We also undertake that we will not breach the normal process of admission and disturb the administrative discipline

Signature of father/ guardian

Signature of the Candidate

Name of father/ guardian

Name of Candidate

Evaluation of Application:

- The admission committee will review application and eligible candidates will be called for admission test.
- Candidates will be short listed on the basis of academic record and admission test results. The short listed candidates will be invited for the interviews with the selection committee.
- The admission committee of Dow University of Health Sciences on the basis of admission test and interviews will make final selection.

RULES AND REGULATIONS

RULES FOR THE PAYMENT OF FEE:

SCHEDULE FOR ADMISSION TO FIRST SEMESTER SESSION 2012-2014

S. NO	SCHEDULE	DATE
1	Date for inviting application	----- 2011
2	Last date for submitting application	-----2011
3	Admission Test	----- 2011
4	Interview	-----2011
5	Start of Semester	1st January 2012