



DOW UNIVERSITY OF HEALTH SCIENCES

SCHOOL OF POSTGRADUATE STUDIES

M. PHIL PROGRAM SPECIFICATION - SESSION 2025-26

FACULTY OF PHARMACEUTICAL SCIENCES

DEPARTMENT OF PHARMACY PRACTICE

Introduction of Institute & Program

Dow College of Pharmacy (DCOP) was established in the year 2007 with the aim to train pharmacists, who are a vital part of a complete health care system and can practice in a number of health care settings, including hospitals, clinics, community, pharmaceutical industries etc. Dow College of Pharmacy was upgraded to the Faculty of Pharmaceutical Sciences in the year 2012. Faculty of Pharmaceutical Sciences is a distinguished and well-renowned entity working under the portal of Dow University of Health Sciences and recognized by the Pharmacy Council of Pakistan and the Higher Education Commission of Pakistan.

The MPhil in Pharmacy Practice offered at Dow College of Pharmacy (DCOP), Dow University of Health Sciences (DUHS), Karachi is a two-year post-graduate degree program. The program is aimed to advance the knowledge and expertise of students in the field of pharmacy practice and offer them a platform to grow professionally. The program emphasizes active, student-directed learning, problem-solving, and the acquisition of skills essential to train pharmacy students for practice in various healthcare settings with impactful outcomes.

The program provides students with specialized knowledge, research skills, and practical expertise to offer a transformative approach to healthcare delivery, promising improved patient outcomes, greater access to care, and efficient utilization of healthcare resources. The program would enable them to provide patient-centered care that ensures optimal medication therapy outcomes and provides a foundation for specialization in specific areas of pharmacy practice; to participate in the education of patients, other healthcare providers, and future pharmacists; to conduct research and scholarly



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	<p>activity; and to play their role in strengthening the quality of healthcare services in our society.</p> <p>The program comprises of:</p> <ul style="list-style-type: none"> • Course work in two semesters (total 24 credit hours), • Synopsis writing and defense according to the rules and regulations drawn by the research department of the university, • Original research demanding extensive bench work or clinical work (depending upon the protocol and design selected), • Writing and defending thesis (06 credit hours).
Course Title (As approved by PM&DC/HEC)	Master of Philosophy (M.Phil.) in Pharmacy Practice
Course Duration	M.Phil. Min 2 Years & Max 4 Years
Type of Study	Full Time
Study System	Semester System
Total Credit Hours	30 Credit Hours
Credit Hours Distribution –Semester Wise	<p>Semester 1 = 12 Cr. Hrs</p> <p>Semester 2 = 12 Cr. Hrs</p> <p>Thesis = 6 Cr. Hrs</p>
Study Hours Distribution	<ul style="list-style-type: none"> • 16 weeks teaching, • 2 weeks preparatory leaves • 2 weeks exams conduction
Teaching Hours Distribution	Lectures/ Tutorials / Journal Club/ Self Directed Studies
Modules Detail with Credit Hours	See Annexure- I
Assessment of Student	<ul style="list-style-type: none"> • Internal Evaluation (Assignments,



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	<p>presentations, Quiz/Test) =30 Marks</p> <ul style="list-style-type: none">• Terminal Exam= 70 Marks• Viva Examination after thesis submission and evaluation
Teaching Institution	Faculty of Pharmaceutical Sciences
Degree Awarding Institution	Dow University of Health Sciences, Karachi
Eligibility /Admission Criteria	See Relevant Section of DUHS Website
Fee Structure	See Relevant Section of DUHS Website

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ANNEXURE -I

Semester	Title of Course	Course Code	No. of Credit Hrs.
Semester-1	Biostatistics (Core-I)	PHP 701	2
	Research Methodology (Core-II)	PHP 703	2
	Epidemiology (Core-III)	PHP 705	2
	Pharmacotherapeutics-I (Major-I)	PHP 707	3
	Regulatory Guidelines in Clinical Pharmacy Practice (Major-II)	PHP 709	3
	Journal Club and teaching assistance/ Clinical Practice assignments	-----	NCH
			12Credit hrs.
Semester-II	Applied Clinical Pharmacokinetics (Major-III)	PHP 702	3
	Applied Clinical Techniques (Major-IV)	PHP 704	3
	Pharmacotherapeutics- II (Major-V)	PHP 706	3
	Health Systems in Pharmacy Practice (Major-VII)	PHP 708	3
	Journal Club and teaching assistance/ Clinical Practice assignments		NCH
			12 Credit hrs.
	A. TOTAL CREDIT HOURS OF COURSE WORK		24
	Research paper in Peer Reviewed scientific journals		NCH
	B. RESEARCH WORK & SUBMISSION OF THESIS		6
Total			30 Credit hrs.

- NCH (Noncredit hour) courses are compulsory and will be evaluated internally by PhD faculty of departments.
- Internal evaluation (30%) of total for each course offered is mandatory evaluated by the concerned faculty.
- Course work will be completed in one year.
- As per HEC requirement the credit hours are completed as: A (Total credit hours of course work) + B (Research work and thesis submission) = 24+6=30 Cr. hrs
- Students will have min 1 and max 3 years to complete the research work
- Students will be allowed to present their synopsis in front of concerned department after completion of course of 1st semester, before going through scientific committee for synopsis submission and evaluation.