



DOW UNIVERSITY OF HEALTH SCIENCES

SCHOOL OF POSTGRADUATE STUDIES

PROGRAM SPECIFICATION - SESSION 2026-27

FACULTY OF PHARMACEUTICAL SCIENCES

DEPARTMENT OF PHARMACY PRACTICE

Introduction of Institute & Program

The MPhil in Pharmacy Practice offered by Dow College of Pharmacy (DCOP), Dow University of Health Sciences (DUHS), Karachi, is a postgraduate degree program designed to advance students' knowledge, skills, and expertise in the field of pharmacy practice while providing opportunities for professional growth and development.

The program emphasizes active, student-centered learning, critical thinking, problem-solving, and the acquisition of competencies essential for pharmacy practice in diverse healthcare settings. It equips students with specialized knowledge, research capabilities, and practical expertise required to contribute effectively to healthcare delivery, improve patient outcomes, enhance access to care, and promote the efficient utilization of healthcare resources.

The program prepares graduates to provide patient-centered care aimed at achieving optimal medication therapy outcomes. It also provides a foundation for specialization in various areas of pharmacy practice, enables participation in the education of patients, healthcare professionals, and future pharmacists, fosters research and scholarly activities, and strengthens the quality of healthcare services within society.

The program comprises of:

- 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



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	credit hours).
Course Title (As approved by PM&DC/HEC)	M.Phil. in Pharmacy Practice
Course Duration	2 - 4 years.
Type of Study	Full Time
Study System	Semester System
Total Credit Hours	30 Credit Hours
Credit Hours Distribution –Semester Wise	<ul style="list-style-type: none"> • Semester 1 = 12 Cr. Hrs • Semester 2 = 12 Cr. Hrs • Thesis = 6 Cr. Hrs
Study Hours Distribution	<ul style="list-style-type: none"> • Study Per Semester = 16 weeks • Examination = 2 weeks • Semester Break = 2 weeks
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, presentations, Quiz/Test) =30 Marks • 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



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SCHOOL OF POSTGRADUATE STUDIES

ANNEXURE-I

M.PHIL COURSE SCHEME

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-VI)	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
			30 Credit hrs.



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- NCH (Noncredit hr) 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.