



# **DOW UNIVERSITY OF HEALTH SCIENCES**

## **SCHOOL OF POSTGRADUATE STUDIES**

### **PROGRAM SPECIFICATION - SPECIMEN**

#### **SESSION-2022-23**

<b>Introduction of Institute &amp; Program</b>	<p>Dow College of Pharmacy was established in 2007. It became <b>Faculty of Pharmaceutical Sciences</b> in 2012. The aim was to train pharmacist, who are a vital part of a complete health care system and can practice in a number of health care settings, including hospitals, clinics, etc.</p> <p>MPhil Program was launched in 2013 in four disciplines of Pharmacy ie Pharmacology, Pharmaceutics, Pharmacy Practice, Pharmacognosy and Pharmaceutical Chemistry.</p> <p>In addition to Pharm.D. Program, The M.Phil Program has been recognized by Pharmacy Council of Pakistan and five Departments are recognized by HEC also.</p> <p><b>Ph.D. program of Pharmacology department is recognized by PCP and HEC.</b></p>
<b>Introduction to Program</b>	<p>The university offers full time post-graduate program in department of Pharmacology. The university designed a comprehensive curriculum in line with HEC guidelines. The PhD program provides highest options to meet the current challenges being a pharmacologist in fields of academia, research in medicine, pharmacy and allied health sciences. This program further provides relevant experience and opportunities to carry out focused research in discipline of Pharmacology under qualified a skilled supervision of faculty.</p> <p>This program involves course work and</p>



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	research work with thesis compilation. It will encompass researches at <i>in vitro</i> , <i>in vivo</i> , cellular, molecular, computer-aided drug designing, screening and genetic translation.
<b>Course Title (As approved by PMC/HEC)</b>	Pharmacy Council of Pakistan (PCP), the accreditation body has given NOC for following discipline as under:  <b>Ph.D. in Pharmacology</b>
<b>Course Duration</b>	Ph.D. Min 3 Year ----- Max 8 Year
<b>Type of Study</b>	Full Time, Basic and Applied Research Based Studies
<b>Study System</b>	Semester System  (Student's intake Annually)
<b>Total Credit Hours</b>	PhD. 30 Cr.hrs
<b>Credit Hours Distribution –Semester Wise</b>	<b><u>Ph.D. Program:</u></b>  <b><u>Discipline of Pharmacology:</u></b> Semester 1 = 12 Cr. Hrs. Semester 2 = 12 Cr. Hrs. Research work & Submission of Thesis
<b>Study Hours Distribution</b>	<b>One semester is 16 weeks classes teaching,</b> <b>2 weeks Preparatory Leaves</b>  <b>2 weeks Exam's conduction</b>
<b>Teaching Hours Distribution</b>	Lectures, Self Studies, Lab Training, Research
<b>Modules Detail with Credit Hours</b>	<b>NA</b>
<b>Assessment of Student</b>	Internal Evaluation (Assignments, presentations, Quiz/Test) =30 Marks Terminal Exam= 70 Marks Viva examination after thesis submission and evaluation
<b>Teaching Institution</b>	Dow College of Pharmacy, Faculty of Pharmaceutical Sciences, Dow University of Health Sciences,



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	OJHA Campus, Karachi.
<b>Degree Awarding Institution</b>	Dow University of Health Sciences, Karachi.