



DOW UNIVERSITY OF HEALTH SCIENCES

SCHOOL OF POSTGRADUATE STUDIES

PROGRAM SPECIFICATION SESSION-2023-24

Introduction of Institute & Program	The university offers full-time PhD program in the key areas of Basic Medical Sciences through Institute of Basic Biomedical Sciences (IBMS) and has developed the modular format to allow a greater range of options within the program to meet the requirements of medically trained personnel who wish to enter teaching and research career in medical and allied health sciences. It provides a sound understanding of human health and disease and diagnostic approaches at the molecular level applying contemporary techniques of modern biomedicine. It provides opportunities to acquire and develop the skills of synthesis, analysis and decision making, required for careers in the field of medical research. Thus, the students are trained as the subject specialist, a researcher, and a resource person, well equipped with the methodologies of modern trends of teaching and research in basic medical sciences. The program involves course work and original research thesis components.
Course Title	<u>Doctor of Philosophy (PhD)</u> Biochemistry, Biotechnology, Medical Genetics, Medical Microbiology, Histopathology, Molecular Pathology, Pharmacology, Physiology, Public Health
Course Duration	3 – 8 Years
Type of Study	Full time
Study System	Semesters system
Total Credit Hours	Total C.H. 30 - 54
Credit Hours Distribution –Semester Wise	<u>12 Credit hours each semester</u>
Study Hours Distribution	Study per Semester = 16 weeks Examination = 2 weeks Semester Break = 2 weeks Working Days = 8:30am - 3:00pm (except Friday)
Teaching Hours Distribution	Lecture hours/ Facilitation / Self Directed Studies/ Lab training
Modules Detail with Credit Hours	
Assessment of Student	Continuous Internal Assessment = 30 % <u>Final Examination</u> = 70% <u>Total</u> = 100%
Teaching Institution	Institute of Biomedical Sciences
Degree Awarding Institution	Dow University of Health Sciences, Karachi