



**Dow University
of Health Sciences**

PROSPECTUS PHARM.D

Session 2021-22

**DOW COLLEGE OF
PHARMACY (DCOP)**

email: admissions@duhs.edu.pk
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PROF. MOHAMMED SAEED QURAISHY

Vice Chancellor

Dow University of Health Sciences

MESSAGE BY VICE CHANCELLOR

It gives me joy to write this message for the prospectus of the Dow University of Health Sciences, Karachi. DUHS was established in 2004, with just three constituent colleges, and today we are a University with over 30 constituent and affiliated institutions and the most comprehensive health care system in Pakistan.

This year, I am also proud to announce that Dow University of Health Sciences, Karachi has continued to enhance the vision of this University by striving to be the pre-eminent academic institution committed to changing and saving lives, as we have continued to place in the QS World University Rankings 2021, with an overall Rank of 401-450. This is a credit to the faculty of DUHS, and their commitment to enhance the learning experience offered to our students that we have achieved progress and prosperity globally, in particularly within Asia.

This is also the year we are celebrating our 75th Anniversary of the founding of Dow Medical College, a symbol of scholarship and service to the community that has evolved into DUHS, with expanded program offerings, such as in the fields of the allied health and biomedical sciences, such as pharmacy, physical therapy, medical technology, biotechnology, nursing, public health, business administration, and course in radiology technology, nutritional sciences, midwifery, and optometry.

Furthermore, our symbol of academic excellence is fortified by our adoption of the latest technology, and affordable state of the art healthcare offered, which informs the delivery of quality patient care at Dow University Hospital and our many services affiliated healthcare centers and research and diagnostic laboratories. We stand committed to providing and creating a state of the art infrastructure that fosters innovation, research and is evolving to meet the needs of the future, along with providing superior healthcare services today.

Today, we are striving to play a pivotal role in the early diagnosis and treatment of Covid-19 and in the future, I also stand committed to make Dow University of Health Sciences an a leading and empowered institution offering the best of the medical knowledge and quality health care services.

I am confident that the doctors and health professionals of this institution will go on to contribute to this nation and serve globally with sincerity and ethics, in order to restore faith and humanity to the delivery of healthcare.

Good Luck to the incoming freshmen!



Message By Principal

Prof. Sumbul Shamim

PhD Pharmacology

Professor of Pharmacology

Principal

Dow College of Pharmacy

Dow University of Health Sciences

I am delighted to write this message about the Dow College of Pharmacy, an esteemed institution providing excellent pharmacy education in Pakistan. Dow College of Pharmacy is recognized for our inclusive ethos and commitment to the highest standards in education, which have made this institute into Pakistan's premier organization offering pharmacy education. We endeavor to set very high values of academic standards. Students aspire to attend our college in intent to accomplish their best. Together, we create a culture of accomplishments and achievements. Our outcomes are remarkable, leading to a prominent place for our alumni in the market and to the field of pharmaceutical sciences.

The Faculty of Pharmaceutical Sciences, at Dow College of Pharmacy, Dow University of Health Sciences, was established in the year 2007 to provide quality pharmacy education combined with training at Hospitals and Pharmaceutical Industries of Karachi.

By providing excellent pharmaceutical education in a stimulating academic environment and thorough research, we enable our students to discover, evaluate and implement new vistas of knowledge to improve models of practice and methods of treatment in pharmacy.

We also strive to provide the concept of pharmaceutical ethics so as to mould the conduct and character of the future health care professionals. I am confident that with the team of committed faculty members and supporting staff, we will deliver the time tested human resources for the industry, health care system and society. My prayers are for the success of every student studying Pharmaceutical Sciences at the Dow College of Pharmacy, Dow University of Health Sciences, Karachi.

Thank You



Prof. Dr. Noor Jahan

Dean,

Dow College of Pharmacy,
Faculty of Pharmaceutical Science

Message By Dean

Welcome to the Dow College of Pharmacy, Faculty of Pharmaceutical Sciences, Dow University of Health Sciences, Karachi. I am humbly honored and privileged to serve our dedicated students, faculty, staff, administration and alumni.

Dow College of Pharmacy, The Faculty of Pharmaceutical Sciences is located in Ojha campus of Dow University of Health Sciences-Karachi. We offer a well-structured five-year Doctor of Pharmacy (Pharm D) program and post-graduate program in Pharmaceutical Sciences. The Faculty of Pharmaceutical Sciences is recognized as one of the outstanding pharmacy education and research institution.

At Dow College of Pharmacy, Faculty of Pharmaceutical Sciences, we strive to provide optimal pharmaceutical education in order to graduate competent pharmacists capable of delivering appropriate pharmaceutical care to improve the state of health of people in Pakistan and abroad. We look forward to be one of the leading pioneers at the local and global level in pharmaceutical education and research development, seeking a bright future in enhancing medical and humanitarian services.

Our innovative pharmacy semester system training provides our students with a well-rounded professional degree that ideally prepares them for a rewarding career in pharmacy, whether they choose community pharmacy, hospital pharmacy, clinical pharmacy, pharmaceutical industry, the academia and research or any other career path.

As the new dean, I will continue to reach out to our college community as we build and shape the future of our college. I invite you to join us on the road toward your career in the profession of Pharmacy, which will be rewarding, challenging, and enjoyable.

Feel free to contact us if you have any questions or if you would like to visit.

INTRODUCTION
DOW COLLEGE of PHARMACY
FACULTY OF PHARMACEUTICAL SCIENCES
DOW UNIVERSITY OF HEALTH SCIENCES, KARACHI

Dow University of Health Sciences endeavor to bring into existence an academy that is capable of catering the entire aspects of health profession. In this regard were brought into existence several institutions for health care education are brought into existence one of these establishments is Dow College of Pharmacy (DCOP).

**RECOGNIZED BY PHARMACY COUNCIL OF PAKISTAN
AND HEC**

Dow College of Pharmacy was established in 2007. Dow College of Pharmacy was upgraded as Faculty of Pharmaceutical Sciences; Dow College of Pharmacy in the year 2014. Faculty of Pharmaceutical Sciences, Dow College of Pharmacy is a distinguished and well renowned entity working under the portal of Dow University of Health Sciences and recognized by Pharmacy Council of Pakistan and Higher Education Commission.

Dow College of Pharmacy provides highly proficient education to its students by utilizing rich resources provided by the university. Institute is equipped with high-end facilities for its students, researchers and faculty. The faculty comprised of 46 highly qualified faculty members, 22 of which hold a Ph.D degree in relevant fields and are also HEC approved research supervisors. College of Pharmacy is currently offering a Pharm. D, M. Phil. and Ph. D. Programs.

Till 2020 nine batches of Pharm. D program have graduated from this institute. The entire group of passed out Pharmacy graduates from DCOP are offering professional services in various national and multinational organizations, both within and outside Pakistan.

PRACTICE INTEGRATED CURRICULUM

Pharm. D curriculum is designed to produce scientifically and technically competent pharmacists who can employ their training and education in a manner so as to effectively provide quality healthcare services ultimately to the patient. The theory classes and the laboratory work are integrated and the hands-on training is enhanced by internships allowed after second year

in pharmaceutical industries and in hospitals.

In addition, the research programs (M. Phil. and/or M.Phil. leading to Ph.D.) in Pharmacy Program at Dow College of Pharmacy have been designed not only to develop post graduates with sound knowledge of academics and research along with analytical and technical skills through provision of high quality learning and research environment in all fields of the pharmacy. Research students at DCOP are guided by a team of highly qualified HEC-approved supervisors, which enable them to meet the respective intra-disciplinary and cross-disciplinary challenges on the frontiers of pharmaceutical sciences.

CLINICAL WARD ROUNDS

During their study of courses, students are also provided with the opportunity to carry out clinical ward rounds under the supervision of experienced faculty members and healthcare professionals. This training enables the potential pharmacist to play a significant role in strengthening the quality of health care services in our society. Students of fourth and fifth professionals complete their training in Pharmaceutical service centers of Dow University Hospital and Civil Hospital (ambulatory dispensing area, emergency room pharmacy, in-patient pharmacy, out-patient pharmacy, bulk store, satellite pharmacy) and different wards (unit) like Medical ICU, Neonatal care unit, Cardiac care unit, cardiac ward, institute of chest diseases, Gynaecology ward, Neuro. / Psychiatry ward, Gastroenterology ward, Paediatric ward, Dialysis center. This clinical training is conducted at Dow University Hospital and Civil Hospital.

Students are also offered different training programs like Basic Lifesaving Skills (BLS).

INDUSTRIAL VISITS

To get industrial exposure during the study period, DCOP Students visits to top national and multinational pharmaceutical companies of Pakistan. Students also have opportunity to avail internship programs and get experience of working in production, quality control, regulatory, marketing and R&D department in different pharmaceutical industries. These industrial exposures enable students to gain insight about industrial working environment and practices.

DISCIPLINES OF STUDY

Faculty of Pharmaceutical Sciences, Dow College of Pharmacy provides high competence pharmacy education to its students by utilizing rich resources provided by the university. The curriculum for the Faculty of Pharmaceutical Sciences, Dow College of Pharmacy is framed by Pharmacy Council. The curriculum is designed to produce a scientifically and technically competent pharmacist who can apply this education in such a manner so as to provide maximum health care services to the society.

PHARMACOLOGY

Pharmacology is the study concerned with all aspects of actions of drugs and other chemicals on living system. It explores the action of drugs, adverse effects, drug interaction, contraindications and their pharmacokinetics. It provides pre-clinical and clinical education in areas of Pharmacology, Therapeutics and Toxicology for undergraduate and post graduate students. Pharmacological research areas include Cardiovascular Pharmacology, Clinical Pharmacology, Molecular and Biochemical Pharmacology, Neurosciences and Inflammatory Pharmacology.

PHARMACEUTICS

Pharmaceutics is the science of drug manufacturing. It involves the processes from new chemical entity turning into a dosage form, modification into the existing formulation in order to enhance their safety and efficacy. This field encompasses the knowledge and guidelines for the manufacturing of formulation, facilities used for manufacturing and regulations for the pharmaceutical manufacturing and marketing.

PHARMACEUTICAL CHEMISTRY

Pharmaceutical Chemistry addresses chemical aspects of drug development, analytical procedures, important reactions involved in quantification and quality testing of drugs. Medicinal chemistry is the most important aspect of this branch of Pharmacy, along with the other courses which make the students aware and to handle various instruments to be used for the analytical purposes including pH meter, Conductivity meter, UV-Visible Spectrophotometer, HPLC, Mass Spectrophotometer, IR and NMR Spectrophotometer, etc.

PHARMACOGNOSY

Pharmacognosy focuses on natural sources of the drugs including plants, animals and minerals. This science includes study related to Procurement of drugs from said sources, effects of these drugs on animals as well as human subjects, drug profiles etc. It also covers the clinical aspects of herbal medicines with quality control, toxicity studies as well as herbal drug interactions. It also elaborates the industrial aspects that cover the cosmaceuticals, nutraceuticals and exploration of new herbal drugs.

PHARMACY PRACTICE

Department of Pharmacy Practice was established in the year 2014 Dec. 22nd, as per the requirements set forth by the Pharmacy Council of Pakistan. The curriculum of pharmacy practice has a major focus on practicing clinical skills in the community, hospital and clinical pharmacy setups learned in the classroom. It is mandatory for student to attend Ward rounds in two different hospital settings i.e. civil hospital, Dow University hospital and OICD, OJHA Campus. Students conduct ward rounds under the supervision of teaching faculty and with the facilitation of doctors to develop an understanding of patient history taking, lab data interpretation and enable them to suggest clinical interventions (i.e. via dose calculations and adjustments, detection of ADRs and interactions, following standard treatment guidelines and evidence based medicines).

Vision Statement

To Be a Pre-Eminent Academic Institution
Committed to Changing and Saving Lives.

Mission Statement

Providing Outstanding Patient Centered
Education, Training and Clinical Care Informed
by Cutting Edge Research and Innovation
Generating and Disseminating New Knowledge.

Eligibility Criteria :

- HSSC (Intermediate Science) Pre-Medical/ A-Level or Equivalent, Min. 60% marks or equivalent only certified by IBCC
- Minimum passing marks in entry test shall be 25%
- Candidate's Domicile of Sindh

NUMBER OF SEATS

SEAT DISTRIBUTION FOR Pharmacy COURSE at Dow College of Pharmacy

OPEN MERIT	60
Self-Finance (Morning)	40
Self-Finance (Evening)	50
TOTAL	150

CATEGORIES OF SEATS

A. Open Merit (Merit cum choice)

B. Self- Finance Morning & Evening (Merit cum choice)

A. OPEN MERIT (Merit cum choice)

60 (Sixty) seats have been reserved for Open Merit candidates with sindh domicile who have studied Matric / O Level AND Inter / A Level.

B. Self- Finance (Morning and Evening) [merit cum choice]

40 (Forty) seats for morning and **50 (Fifty) seats for evening** are reserved for candidates, fulfilling the eligibility criteria of open merit to be selected on merit cum choice basis.

NOTE:

Admissions will be offered on MERIT CUM CHOICE BASIS in both categories.

ACCREDITION DETIALS OF DOW COLLEGE OF PHARMACY, DUHS

Dow College of Pharmacy aims to offer highest standard of education and research in the country. We endeavor to achieve our objectives in alignment with the pertinent regulatory requirements. In this regard we have always followed guidelines from the “Higher Education Commission of Pakistan (HEC)” and “Pharmacy Council of Pakistan (PCP)”. The Pharm.D Morning and Evening Programs and Postgraduate Programs (M.Phil in all 5 disciplines and PhD in Pharmacology) offered by Dow College of Pharmacy, are accredited by “Pharmacy Council of Pakistan” and “Higher Education Commission of Pakistan”.

CURRICULUM

1st PROFESSIONAL PHARM-D

<i>SEMESTER-I</i>			<i>SEMESTER-II</i>		
Course No.	Subject	Cr Hr	Course No.	Subject	Cr Hr
ENG-300	English-A (F English)	2	ENG-301	English-B (Communication & Writing skills)	2
PD-301	Physical Pharmacy-I [Th]	3	PD-302	Physical Pharmacy-II [Th]	3
PD-303	Physical Pharmacy-I [Lab]	1	PD-304	Physical Pharmacy-II [Lab]	1
PD-305	Pharmaceutical Mathematics	3	PD-306	Pharmaceutical Organic Chemistry-II [Th]	3
PD-307	Pharmaceutical Organic Chemistry –I [Th]	3	PD-308	Pharmaceutical Organic Chemistry-II [Lab]	1
PD-309	Pharmaceutical Organic Chemistry –I [Lab]	1	PD-310	Pharmaceutical Biochemistry-II [Th]	3
PD-311	Pharmaceutical Biochemistry-I [Th]	3	PD-312	Pharmaceutical Biochemistry-II [Lab]	1
PD-313	Pharmaceutical Biochemistry-I [Lab]	1	PD-314	Physiology - II [Th]	3
PD-315	Physiology - I [Th]	3	PD-316	Physiology [Lab]	2
PD-317	Anatomy & Histology-I [Th]	2	PD-318	Anatomy & Histology-II [Th]	2
			PD-320	Anatomy & Histology [Lab]	1
Total Cr. Hr		22	Total Cr. Hr		22

2nd PROFESSIONAL PHARM-D

<i>SEMESTER-III</i>			<i>SEMESTER-IV</i>		
Course No.	Subject	Cr Hr	Course No.	Subject	Cr Hr
ISL-400	Islamic Studies	2	PKS-401	Pakistan Studies	2
PD-401	Pharmaceutical Microbiology and Immunology- I [Th]	3	PD-402	Pharmaceutical Microbiology and Immunology - II [Th]	3
PD-403	Pharmaceutical Microbiology and Immunology -I [Lab]	1	PD-404	Pharmaceutical Microbiology and Immunology -II [Lab]	1
PD-405	Pharmaceutical Preparation and Dosage form Science-I [Th]	3	PD-406	Pharmaceutical Preparation and Dosage form Science -II [Th]	3
PD-407	Pharmaceutical Biostatistics	3	PD-408	Pharmaceutical Preparation and Dosage form Science [Lab]	2
PD-409	Pharmacology & Therapeutics -I [Th]	3	PD-410	Pharmacology & Therapeutics -II [Th]	3
PD-411	Pharmacology & Therapeutics -I [Lab]	1	PD-412	Pharmacology & Therapeutics -II [Lab]	1
PD-413	General Pharmacognosy [Th]	3	PD-414	Pathology-I [Th]	2
PD-415	Pharmacognosy - I [Lab]	1	PD-416	Chemical Pharmacognosy [Th]	3
			PD-418	Pharmacognosy - II [Lab]	1
Total Cr. Hr		20	Total Cr. Hr		21

CURRICULUM

3rd PROFESSIONAL PHARM-D

SEMESTER-V			SEMESTER-VI		
Course No.	Subject	Cr Hr	Course No.	Subject	Cr Hr
PD-501	Pharmacology & Therapeutics-III [Th]	3	PD-502	Pharmacology & Therapeutics –IV [Th]	3
PD-503	Pharmacology & Therapeutics-III [Lab]	1	PD-504	Pharmacology & Therapeutics-IV [Lab]	1
PD-505	Pathology-II [Th]	2	PD-506	Computer & its Application in Pharmacy [Th]	3
PD-507	Pathology [Lab]	1	PD-508	Computer & its Application in Pharmacy [Lab]	1
PD-509	Pharmaceutical Analysis and Instrumentation-I [Th]	3	PD-510	Pharmaceutical Analysis and Instrumentation-II [Th]	3
PD-511	Pharmaceutical Analysis and Instrumentation-I [Lab.]	1	PD-512	Pharmaceutical Analysis and Instrumentation-II [Lab.]	1
PD-513	Advanced Pharmacognosy - I [Th]	3	PD-514	Advance Pharmacognosy - II [Th]	3
PD-515	Pharmacognosy - III [Lab]	1	PD-516	Pharmacognosy - IV [Lab]	1
PD-517	Compounding & Dispensing Pharmacy [Th]	3	PD-518	Community Pharmacy [Th]	3
PD-519	Compounding & Dispensing Pharmacy [Lab]	1			
Total Cr. Hr		19	Total Cr. Hr		19

4th PROFESSIONAL PHARM-D

SEMESTER-VII			SEMESTER-VIII		
Course No.	Subject	Cr Hr	Course No.	Subject	Cr Hr
PD-601	Hospital Pharmacy-I [Th]	3	PD-602	Hospital Pharmacy-II [Th]	3
PD-603	Industrial Pharmacy-I [Th]	3	PD-604	Industrial Pharmacy-II [Th]	3
PD-605	Industrial Pharmacy-I [Lab]	1	PD-606	Industrial Pharmacy-II [Lab]	1
PD-607	Pharmaceutical Quality Management-I [Th]	3	PD-608	Pharmaceutical Quality Management-II [Th]	3
PD-609	Pharmaceutical Quality Management-I [Lab]	1	PD-610	Pharmaceutical Quality Management-II [Lab]	1
PD-611	Clinical Pharmacy- I [Th]	3	PD-612	Clinical Pharmacy –II [Th]	3
PD-613	Clinical Pharmacy-I [Lab]	1	PD-614	Clinical Pharmacy-II [Lab]	1
PD-615	Clinical Pharmacognosy [Th]	3	PD-616	Medicinal Chemistry-II [Th]	3
PD-617	Medicinal Chemistry-I [Th]	2	PD-618	Medicinal Chemistry-I [Lab]	1
Total Cr. Hr		20	Total Cr. Hr		19

CURRICULUM

5th PROFESSIONAL PHARM-D

SEMESTER-IX			SEMESTER-X		
Course No.	Subject	Cr Hr	Course No.	Subject	Cr Hr
PD-701	Clinical Pharmacy-III [Th]	3	PD-702	Clinical Pharmacy-IV [Th]	3
PD-703	Clinical Pharmacy-III [Lab]	1	PD-704	Clinical Pharmacy-IV [Lab]	1
PD-705	Pharmaceutical Technology-I [Th]	3	PD-706	Pharmaceutical Technology-II [Th]	3
PD-707	Forensic Pharmacy-I [Th]	2	PD-708	Pharmaceutical Technology [Lab]	2
PD-709	Biopharmaceutics & Pharmacokinetics-I [Th]	3	PD-710	Forensic Pharmacy-II [Th]	2
PD-711	Pharmaceutical Marketing & Management-I [Th]	3	PD-712	Biopharmaceutics & Pharmacokinetics -II [Th]	3
PD-713	Medicinal Chemistry- III [Th]	3	PD-714	Biopharmaceutics Pharmacokinetics [Lab]	2
PD-715	Medicinal Chemistry- II [Lab]	1	PD-716	Pharmaceutical Marketing & Management-II [Th]	3
Total Cr. Hr		19	Total Cr. Hr		19

SUMMARY OF COURSES CR.Hrs

	CR. Hrs.	CR. Hrs.	CR. Hrs.
1 st Professional	22	22	44
2 nd Professional	20	21	41
3 rd Professional	19	19	38
4 th Professional	20	19	39
5 th Professional	19	19	38
TOTAL	100	100	200

1. ASSESSMENT METHODS

7.1 EXAMINATION RULES

CRITERIA FOR AWARD OF DEGREE:

1. For the award of degree students must pass all the courses taught during five years education of Pharm.D.

CRITERIA FOR PROMOTION TO NEXT ACADEMIC YEAR:

1. Any Students, who fails to pass the **First Professional Exam** in five chances availed or unavailed, shall cease to pursue further Pharmacy Education.
2. A student would be promoted to next higher class upon clearing **all courses of previous academic year(s)**. In case of any misinterpretation and discrepancy, Principal committee decision would be the final.
3. Attendance in each course will be compulsory for all students and no students will be eligible to appear in any course in the University examination unless he/she 75% percent attendance.
 - i. The attendance of students admitted in the university will be counted from the 1st day of semester and not from the date of admission.
 - ii. Students called for national duty such as participation in Olympics, National or, Inter- varsities, games or going to perform Hajj would be given exemption in attendance. These cases would be decided on individual basis.
 - iii. If a student is unable to attend classes continuously for 15 days or more without informing the Chairpersons of the Departments (in writing) his/her admission will stand cancelled. In case of illness or other similar situations, application along with a medical certificate from a registered medical practitioner duly verified by the Senior Medical Officer of the University must be submitted within two days after the ailment.
 - iv. Original attendance record is to be submitted to the Principal for record and future reference.
4. The percentage of pass marks in each subject is not less than 50 percent both in theory and practical.
5. Grace marks are not allowed.
6. If a student fails in Theory and Pass in Practical examination, he/she will have to appear in theory exam and not in practical examination so is the case vice versa.
7. If fails in theory and practical both, he/she has to appear in both examination.
8. Distribution of 100 marks for Theory papers is as follows:

- i. 30 Marks for Mid Term examination (40% Objective, 60% Subjective).
- ii. 70 Marks for Terminal examination (40% Objective, 60% Subjective)
- 9. OSPE (LAB) examination is of 100 marks. External examiner shall always be present with internal examiner for written, oral and practical parts of exam.

Marks distribution of OSPE is as follows.

- i. 40 Marks for non-observable stations.
- ii. 20 Marks for interactive Stations for Viva
- iii. 20 Marks for Lab Performance in exam.
- iv. 20 Marks for Internal Evaluation.

SCHEDULE OF RETAKE EXAMINATION

Retake Exam for Odd Semester will be conducted just after the Even Semester exams. while Retake Exam of Even Semester will be conducted after the result of Even Semester Exams.

MAXIMUM DURATION FOR COMPLETION OF DEGREE

- 1. Degree enrollment of the Pharm.D will remain valid for two more years after the expiry of the required duration for the completion of the Pharm.D degree (i.e 5 Years).
- 2. However a student unable to complete his/her degree requirement within the validity of his/her enrollment, will have to re-validate / extend his/her enrollment for not more than 2 years by paying a prescribed fee with the permission of the Principal.

7.2 GRADING SYSTEM

Numerical Grade (NG)

Assessment of performance on the basis of marks out of 100 fixed for a course of 1 or 3 credit hours unit is NG.

Alphabetical Grade (AG)

Equivalent of numerical grades in terms of alphabets shall be termed as alphabetical grades. (Each letter carries a value in terms of numerical points).

A. Grading

Marks obtained in Percentage Range	GPA	GRADE
80-100	4.0	A+
75-79	4.0	A
70-74	3.7	A-
67-69	3.3	B+
63-68	3.0	B
60-62	2.7	B-
56-59	2.3	C+
50-55	2.0	C
00-49	0.0	F
Absent	0.0	Abs

INHOUSE FACILITIES & ACTIVITIES



INDUSTRIAL TRIPS OF FINAL YEAR STUDENTS

BAYER PHARMACEUTICAL PAKISTAN



BOSCH PHARMACEUTICALS PVT LTD



4th DICE Health Innovation Exhibition 2018



World Pharmacist Day Celebration



Farewell Celebration at Dow College of Pharmacy



Gymnasium facility at Ojha Campus



Cricket ground facility at Ojha Campus



Faculty of the Teaching Departments (Department wise list)

1. Department of Pharmacology

S.#	Name	Designation
1	Prof. Sumbul Shamim	Principal & Chairperson, Dept. of Pharmacology
2	Prof. Dr. Noor Jahan	Professor of Pharmacology
3	Dr. Saima Mahmood	Dean & Professor of Pharmacology
4	Dr. Shumaila Aman	Associate Professor Dept. of Pharmacology
5	Dr. Hina Abrar	Assistant Professor Dept. of Pharmacology
6	Dr. Faheema Siddiqui	Assistant Professor Dept. of Pharmacology
7	Dr. Auwais Ahmed Khan	Assistant Professor Dept. of Pharmacology
8	Dr. Hina Tabassum	Instructor Dept. of Pharmacology
9	Dr. Noor ul Ain Kamran	Research Assistant Dept. of Pharmacology



2. Department of Pharmaceutics

S.#	Name	Designation
1	Dr. Rabia Bushra	Associate Professor Chairperson, Dept of Pharmaceutics
2	Dr. Hafiz Muhammad Arshad	Associate Professor Dept. of Pharmaceutics & VICE PRINCIPAL, DCOP
3	Dr. Tariq Ali	Associate Professor & Dept of Pharmaceutics
4	Dr. Anab Fatima	Associate Professor Dept of Pharmaceutics
5	Dr. Mahwish Rizvi	Associate Professor Dept of Pharmaceutics
6	Ms. Riffat Yasmin	Assistant Professor Dept of Pharmaceutics
7	Dr. Shumaila Shafique	Assistant Professor Dept of Pharmaceutics
8	Dr. Wajihah Iffat	Assistant Professor Dept of Pharmaceutics
9	Dr. Sana Ghayas	Assistant Professor Dept of Pharmaceutics
10	Dr. Syed Ahsan Ali	Assistant Professor Dept of Pharmaceutics
11	Dr. Hina Saleem	Assistant Professor Dept of Pharmaceutics
12	Dr. Omer Mustapha	Assistant Professor Dept of Pharmaceutics
13	Dr. Syed Saoud Zaidi	Assistant Professor Dept of Pharmaceutics
14	Dr. Rahila Bano	Assistant Professor Dept of Pharmaceutics
15	Dr. Saba Inayat Ali	Lecturer Dept of Pharmaceutics

3. Department of Pharmaceutical Chemistry

S.#	Name	Designation
1	Dr. Moona Mehboob Khan	Associate Professor Incharge, Dept of Pharm. Chemistry
2	Dr. Mahwish Akhtar	Assistant Professor Dept of Pharm. Chemistry
3	Dr. Sana Shamim	Assistant Professor Dept of Pharm. Chemistry
4	Dr. Wajihah Gul	Assistant Professor Dept of Pharm. Chemistry
5	Dr. Sabahat Naeem	Assistant Professor Dept of Pharm. Chemistry
6	Dr. Rabia Munawar	Assistant Professor Dept of Pharm. Chemistry
7	Dr. Faizal Muhammad Khan	Lecturer Dept of Pharm. Chemistry
8	Dr. Sadia Iqbal	Lecturer Dept of Pharm. Chemistry

4. Department of Pharmacognosy

S.#	Name	Designation
1	Dr. Farah Saeed.	Associate Professor Incharge, Dept. of Pharmacognosy
2	Ms. Umbreen Farrukh.	Assistant Professor Dept of Pharmacognosy
3	Ms. Tehseen Quds.	Assistant Professor Dept. of Pharmacognosy
4	Dr. Hina Zahid.	Assistant Professor Dept. of Pharmacognosy
5	Dr. Hina Yasin.	Assistant Professor Dept. of Pharmacognosy
6	Dr. Madiha Khan.	Lecturer Dept. of Pharmacognosy
7	Dr. Erum Shah.	Lecturer Dept. of Pharmacognosy

5. Department of Pharmacy Practice

S.#	Name	Designation
1	Dr. Fakhshena Anjum	Associate Professor & Incharge, Dept. of Pharmacy Practice
2	Dr. Najia Rahim	Associate Professor Dept of Pharmacy Practice
3	Dr. Sadia Shakeel	Assistant Professor Dept of Pharmacy Practice
4	Mr. Imran Ahsan Mallick	Assistant Professor Dept of Pharmacy Practice
5	Dr. Kashif Ali	Assistant Professor Dept. of Pharmacy Practice
6	Dr. Ale Zehra	Assistant Professor Dept. of Pharmacy Practice
7	Dr. Farah Khalid	Lecturer/ Pharmacist Dept of Pharmacy Practice

PROGRAMS OFFERED DOW COLLEGE OF PHARMACY

FACULTY OF PHARMACEUTICAL SCIENCES,

- 1- Undergraduate: Pharm.D (five years program)
- 2- Post Graduate: M.Phil (2-4 years) and Ph.D. (3-7 years) programs in the mentioned five departments of Faculty of Pharmaceutical Sciences, Dow College of Pharmacy.

Facilities available:

- Dow College of Pharmacy has a well-structured building that has six (06) lecture halls (Auditoriums), 1 Board Room and 4 seminar rooms that are fully air conditioned and equipped with audio visual facility.
- There are two departmental Libraries that comprises of Reference Section (for reading only) and Circulation Section (for issuing of books) both for undergraduate and post graduate students. Departmental library has a stock of four thousand nine hundred (4900) books. Apart from this, there is a central library of the campus with a stock of around six thousand (6000) books. Similarly, there is a spacious Digital Library having 50 computers along with large central Digital library with around two hundred (200) computers. The digital library offers access to wide range of scientific journals
- There are different labs in departments including Pharmaceutics Lab, Microbiology Lab, Pharmaceutical Chemistry lab, Pharmacology Lab, Physiology and Pathology/ Biochemistry Lab, Industrial Pharmacy Lab, Pharmaceutical Quality management Lab.
- Additionally, we have four (05) labs dedicated exclusively for postgraduate research. These **Research Labs** are of Molecular and systemic Pharmacology, Pharmaceutical Testing and Dosage form designing, Pharmaceutical Chemistry Analysis, Pharmacognostic studies, and Pharmacy Practice Lab.
- There is fully maintained animal house that provides animals for the smooth execution of pharmacological experiments.
- Students are properly evaluated through well-structured and organized examination system.
- Regular seminars, workshops and conferences are organized for the dissemination of updated knowledge. Frequent career counselling sessions are also conducted.
- Students are with facility of mentorship in academic and administrative affairs.
- There is also a network of alumni for students' facilitation and inspiration.
- Students are also encouraged to participate in the student's week organized by university that includes sport week, talent show, cooking, body building, singing and poetry competition etc.
- Centralized mosque and spacious cafeteria are also available in the university premises



DOW UNIVERSITY OF HEALTH SCIENCES

email: admissions@duhs.edu.pk
visit website: www.duhs.edu.pk

Design By : Naveed & Mohsin