

FACULTY OF PHARMACEUTICAL & ALLIED HEALTH SCIENCES

Department Of Pharmaceutics

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*Department Of
Physical Therapy (DPT)*

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DEGREE PROGRAM OFFERED

- Pharm – D (Regular and Self Support Program)
- M.Phil. Pharmacology
- Ph.D. Pharmacology (Regular Program)

OVERVIEW

The Department of Pharmacy was established in 2002 in old science block when the first batch was admitted in Pharm-D with the aim of providing a free access of education to female students desirous of acquiring knowledge of Pharmacy in a friendly environment. The globally recognized profession of Pharmacy is an essential and integral part of a National Health Care system of any country. This profession is concerned with the Art and Science of preparation of drugs followed by safe delivery and rational use. The pharmacist is the only person who is in a unique position of exercising complete drug expertise and its application. Keeping in view of the growing demands and job opportunities of pharmacist at National and International level and the significance of this profession, Lahore College for Women University is the pioneer female institute to undertake this noble task of offering Pharm – D, (five years degree program), M.phil Pharmacology and Ph.D Pharmacology Programs.

Department of Pharmacy has been up-graded to an Institute of Pharmacy in 2014 vide letter No.Reg/LCWU/2584 dated 13th October, 2014

Recently Up gradation of the Institute of Pharmacy under the umbrella of Faculty of Pharmaceutical & Allied Health Sciences has been approved in the 72nd meeting of Syndicate (Reg. /LCWU/3385/14-10-2019) held on 3rd October 2019.

Accredited by the Pharmacy Council of Pakistan

Notification was issued by the Pharmacy Council of Pakistan, Ministry of Health, Islamabad for the accreditation of Pharm – D (five years degree program) of Pharmacy Department, Lahore College for Women University, Lahore in 2008 vide letter No.1-18/2003-PCP dated 10th September 2008

Recently Pharmacy Council of Pakistan has approved to increase the 70 (seventy) seats more of the Pharm- D Program vide Letter No. F.No.1-18/2003-PCP for the admission

Pharm - D

Learning Objectives

- The students get high quality education based on latest standards and facilities for adequate training of personnel in the field of pharmacy.
- They learn the Art and Science of manufacturing, preparation and compounding of drugs and get practical knowledge by direct exposure to Pharmaceutical industries.
- They are taught to check the quality control of Pharmaceutical products in Analytical Chemistry, which is concerned with purity, strength and quality of the product.
- Students will contribute to the database of information about the Patient Pharmaceutical Care Plan Development as a Clinical Pharmacist.

Outcomes

- Develop, integrate, and apply knowledge from the foundational sciences to evaluate the scientific literature, explain drug action, solve therapeutic problems, and advance population health and patient-centered care.
- Work in Pharmaceutical Industry, Hospital Pharmacy, Retail Pharmacy, Drug Control Administration and any other Pharmacy related field.
- Provide patient-centered care as the medication expert.
- Establishment of drug information center for the benefit of students & general public.
- Work force development to achieve SDG-3 of WHO i.e. Good health & Well being

Practical Training

- The education in pharmacy has no meaning without exposure of the students to the working conditions in the field. The practical training is an integral part of Pharmacy education at LCWU. The students do internship at Community & Retail Pharmacies, Hospitals, Pharmaceutical Industries and Regulatory bodies. The Government of Punjab has attached two prestigious institutions with Institute of Pharmacy for carrying out apprenticeship and residency program.
- Children Hospital Complex, Lahore
- Jinnah Hospital, Lahore.

Institute of Pharmacy is the pioneer in starting Residency Program in Collaboration with Children Hospital Complex, Lahore.

MoUs with the reputable Pharmaceutical Companies/Industries and Universities

Institute of Pharmacy has signed MoUs with the following reputable Pharmaceutical Companies/Industries and Universities:

- Pharmawise (Pvt.) Limited, Lahore.
- MICKO Industrial Chemicals Company (Pvt.) Limited, Lahore.
- Himont Laboratories (Pvt.) Limited, Lahore.
- BM (Private) Limited, Lahore.
- King Edward Medical University, Lahore.
- University of Veterinary and Animal Sciences, Lahore.
- Punjab Institute of Preventive Ophthalmology, Lahore.
- Pak Heim International (Pvt) Limited, Lahore.

The following chain pharmacies are providing opportunity for Internship in Retail Pharmacy.

- Clinix Plus
- Fazal Din's Pharma Plus
- Servaid Pharmacy

Active Citizens program

The students of the Institute of Pharmacy are being trained in various aspects of community service and engage in community projects and policy dialogues to seek solutions for betterment of our nation.

Eligibility for Pharm – D (Regular Program)

- Only F.Sc. Pre –Medical group with minimum 60% marks, and 'A' level students with Pre – Medical subjects (with minimum 60% equivalence marks) are eligible to apply for Pharm – D admission on open merit as well as reserved seats.
- All other requirements as per university policy (Please see university admission criteria for Pharm – D).
- The candidates for reserved seats must apply on separate form for each reserved seat and mention the reserved seat applying for.

Allocation of Seats for Pharm– D (Regular Program)

Open Merit (61seats)

Reserved Seats:

- Pharmaceutical Industry Nomination (2 seats)
- Pharmacist's Real Daughter (2 seats)
- Northern Area / Other Provinces (2 seats)
- Disable Students (1 seat)
- Afghan National (2 seats)

Note: In case of no admission against any reserved seat it may be converted into open merit seat

Terms & Conditions:

- General conditions for admission against these reserved seats are the same as laid down for the candidates applying for admission on merit.
- **The candidates from Northern Areas/ Other Provinces** shall submit their admission forms against the reserved seats through the Secretary Nomination Board, Northern Areas/ Other Provinces (original letter must be attached). Applications of only those candidates will be entertained, who have passed their HSSC Examinations from a college situated in the respective area.
- **Pharmaceutical Industry candidates** should be nominated by the Pakistan Pharmaceutical Manufacturing Association (PPMA/ Pharma Bureau). Original nomination letter must be attached. The candidates will have to pay Rs. 82,500/- annually extra, if selected on these reserved seats along with normal dues and fees.
- **For Pharmacist's Real Daughter** seats candidates must attach an attested copy of Father/ Mother's Registration from The Pharmacy Council. Candidate must bring original Registration certificate at the time of interview.

Eligibility for Pharm – D (Self Support Program)

- Only F.Sc. Pre –Medical group with minimum 60% marks, and 'A' level students with Pre – Medical subjects (with minimum 60% equivalence marks) are eligible to apply for Pharm – D admission on self support program observing merit strictly.
- All other requirements as per university policy (Please see university admission criteria for Pharm – D).

Allocation of Seats for Pharm– D (Self Support Program)

Self Support Pharm D Program (70 seats)

Courses of Study Pharm-D (Annual System of Examination)

The courses of study are prepared within Jurisdiction of HEC and Pharmacy Council of Pakistan vide F.No. 1 – 2 / 2001 – pcp dated 5 –7– 2003 and duly approved by the Regulatory authorities of University.

Job Opportunities

Numerous and diverse career options are available to Pharm-D graduates including:

- Clinical Pharmacy Practice
- Community Pharmacy
- Governmental Agencies
- Home Health Care
- Hospital Pharmacy
- Managed Care
- Pharmaceutical Industries
- Pharmacy Education

M. Phil Pharmacology, Semester System (Regular and Self support Programs)
2 years program

Learning Objectives

- To prepare the students for performance of original, high level basic and applied research in field of Pharmacology
- To create an awareness of inter disciplinary nature of research in Pharmacology and ability to work across disciplines

Outcomes

- Production of professionally skilled manpower for Health Care System, Industry, Pharmacy education & Pharmaceutical Research and achieving SDG-3 by WHO i.e. Good health & Well being. The course designed to impart scientific knowledge and skills to young females and developing a female work force.

Eligibility

- Students with Pharm -D degree (5 years program) are eligible to apply for M.Phil. Admission.
- All other requirements as per university policy (Please see university admission criteria for MS / M.Phil.)

Courses of Study (Semester System of Examination)

- The courses of study are prepared as per policy of HEC and Pharmacy Council of Pakistan duly approved by the regulatory bodies of University.
- Institute of Pharmacy is offering M.Phil. in Pharmacology regular and self-support program approved by all the statutory bodies of LCWU and as per requirement of HEC.

Ph.D Pharmacology

Learning Objectives

- Apply Pharmacological procedures in examination of the research question and to validate the hypothesis.
- Demonstrate integration of knowledge and skills through a variety of experiences and tools such as comprehensive examinations, executing a research project, research publication and thesis development
- Apply knowledge to impact changes that can positively impact clinical research and fulfill the SDG goal -3 by WHO i.e. Good health and Well being

Outcomes

Understanding of Research design, Laboratory skills, and Market needs that are keys to any organization involved in research and development. Ph.D Pharmacology degree holders will occupy various dynamic patient care services, R&D and regulatory affairs. Good health & well being i.e. SDG-3 of WHO may be achieved through scientific knowledge and female workforce development in Research.

Eligibility

Minimum 18yrs of education MS/M.Phil in Relevant field. The candidate must have obtained 3.00/4.00 CGPA in semester or 1st division in MS/M.Phil annual system

Course of Study

Institute of Pharmacy is offering Ph.D. Program in Pharmacology approved by all the statutory bodies of LCWU as per requirement of HEC.

List of Faculty:

- **Prof. Dr. Humaira M. Khan**, Director, B.Pharm (PU), RPh, M.Phil Pharmacology (FPGMI), Ph.D Pharmacology & Toxicology (UVAS)
- **Dr. Arham Shabbir**, Associate Professor, B.Pharm, RPh, M.Phil, Ph.D Pharmacology (UHS)
- **Ms. Mobina Manzoor**, Assistant Professor , B.Pharm, RPh, M.Phil Pharmaceutics (PU)

- **Ms. Hafsa Afzal**, Assistant Professor, B.Pharm, RPh, M.Phil Pharmaceutics (PU)
- **Dr. Sumaira Latif**, Assistant Professor, B.Pharm, RPh, M.Phil. Ph.D Pharmaceutics (PU)
- **Ms. Surriya Naheed**, Assistant Professor, B.Pharm, RPh, M.Phil Pharmaceutical Chemistry (PU) (Invited Faculty member)
- **Dr. Bazgha Gul**, Assistant Professor (Study Leave), Pharm-D, RPh, M.Phil Pharmacology (LCWU)
- **Dr. Fatima Amin**, Assistant Professor, Pharm-D, RPh, M.Phil Pharmacy Practice (LCWU)
- **Dr. Ali Sharif**, Assistant Professor, B.Pharm, RPh, M.Phil, Ph.D Pharmacology & Toxicology (UVAS)
- **Dr. Sairah Hafeez Kamran**, Assistant Professor, B.Pharm, RPh, M.Phil, Ph.D Pharmacology (PU)
- **Ms. Farah Batool**, Lecturer, B.Pharm, RPh, M.Phil Pharmacognosy (PU)
- **Dr. Misbah Hameed**, Lecturer, Pharm-D, RPh, M.Phil Pharmaceutics (LCWU)
- **Dr. Marrium Zaka Butt**, Lecturer (EOL), Pharm-D, RPh, M.Phil Pharmacy Practice (LCWU)
- **Dr. Bushra Ali Sherazi**, Lecturer (Study Leave), Pharm-D, RPh, M.Phil Pharmacy Practice (LCWU)
- **Dr. Tehseen Sehar**, Lecturer (Study leave), Pharm-D, RPh, M.Phil Pharmaceutics (LCWU)
- **Dr. Munaza Riaz**, Lecturer, (Study leave), Pharm – D, RPh, M.Phil Pharmacy Practice (LCWU)
- **Dr. Nabeela Tabassum**, Lecturer, Pharm-D, RPh, M.Phil Pharmacology, (UOS)
- **Dr. Ruquia Zahra**, Demonstrator, Pharm – D, RPh, M. Phil Pharmaceutical Chemistry (PU)
- **Miss Sidra Zia**, M.Sc Computer science
- **Miss Asvir Naveed**, M.Com, Ph.D scholar, Department of Management sciences
- **Dr. Salma**, Ph.D Islamic studies, Department of Islamic Studies
- **Miss Nadra Shafi**, MS Political Science, Department of Political Sciences
- **Miss Madeeha**, MS Statistics, Department of Statistics
- **Miss Naila Sajid**, MS Mathematics, Ph.D scholar, Department of Mathematics
- **Miss Nadia Sheheryar**, MS English, Department of English

Contact detail

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DEGREE PROGRAM OFFERED

- Doctor of Physical Therapy
(5 Years Degree Program)

OVERVIEW

It is the privilege of Faculty of Pharmaceutical & Allied Health Sciences that Statutory bodies approved the Department of Physical Therapy under the Umbrella of Faculty of Pharmaceutical & Allied Health Sciences vide letter No. Reg/LCWU/176 dated 8th February 2021.

Vision

The vision of the department is to provide ethical and professional standards to produce excellent health care professionals and scientists, who are dedicated to life-long learning and skill advancement in health care for the country and the world.

Mission

The Faculty is aimed for the provision of advances in medical sciences through provision of skillful, ethical, and compassionate Allied health Professionals. The Faculty is dedicated to produce the skillful allied health experts devoted to provide the best health care services for the patient and able to focus on highly quality research that extends beyond allied health sciences to all scientific disciplines that impact the health of patients as well as wider community.

Learning Objectives

- Demonstrate in-depth knowledge of the basic and clinical sciences relevant to Physical Therapy, both in their fundamental context and in their application to the discipline of Physical Therapy. Understand, correlate and apply theoretical foundations of knowledge to the practice of Physical Therapy; evaluate and clarify new or evolving theory relevant to Physical Therapy.
- Demonstrate the behaviors of the scholarly clinician by developing and utilizing the process of critical thinking and inquiry, particularly focused on the improvement of the practice of Physical Therapy and the delivery of health care.
- Engage in self reflective practices through critical decision making, self- assessment and commitment.

Outcomes

- Production of highly equipped professionals to serve primary providers of Physical Therapy care.
- Correlate theory with practice and think creatively about, react to, adapt or shape new practice environments.
- Achieving the SDG goal 3 i.e. Good Health and Wellbeing through professional development of females in the field of Physical Therapy
- To produce skilled female work force in order to facilitate female patients in health care system.

Eligibility for DPT (Regular Program)

- Only F.Sc. Pre –Medical group with minimum 60% marks, and ‘A’ level students with Pre – Medical subjects (with minimum 60% equivalence marks) are eligible to apply for DPT admission on open merit
- All other requirements as per University admission policy
- Allocation of Seats for DPT (Regular Program)
- Regular DPT Program (50 seats)

Eligibility for DPT (Self Support Program)

- Only F.Sc. Pre –Medical group with minimum 60% marks, and ‘A’ level students with Pre – Medical subjects (with minimum 60% equivalence marks) are eligible to apply for DPT admission on self support program observing merit strictly.
- All other requirements as per University admission policy.

Allocation of Seats for DPT (Self Support Program)

Self Support DPT Program (50 seats)

Courses of Study DPT (System System of Examination)

The courses of study are prepared as per policy of HEC and Academic & Statutory bodies

List of Faculty:

- **Prof. Dr. Humaira M. Khan**, Director, B.Pharm (PU), RPh, M.Phil Pharmacology (FPGMI), Ph.D Pharmacology & Toxicology (UVAS)
- **Dr. Arham Shabbir**, Associate Professor, B.Pharm, RPh, M.Phil, Ph.D Pharmacology (UHS)
- **Dr. Sairah Hafeez Kamran**, Assistant Professor, B.Pharm, RPh, M.Phil, Ph.D Pharmacology (PU)
- **Dr. Ali Sharif**, Assistant Professor, B.Pharm, RPh, M.Phil, Ph.D Pharmacology & Toxicology (UVAS)
- **Dr. Arif**
- **Dr. Sarfraz**
- **Dr. Bazgha Gul**, Assistant Professor (Study Leave), Pharm-D, RPh, M.Phil Pharmacology (LCWU)
- **Miss Asvir Naveed**, M.Com, Ph.D scholar, Department of Management science
- **Dr. Salma**, Ph.D Islamic studies, Department of Islamic Studies
- **Miss Nadra Shafi**, MS Political Science, Department of Political Sciences
- **Miss Madeeha**, MS Statistics, Department of Statistics
- **Miss Naila Sajid**, MS Mathematics, Ph.D scholar, Department of Mathematics
- **Miss Nadia Sheheryar**, MS English, Department of English

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