





Coordinator:

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Message from Coordinator:

Pleasure and honor are the deep root feelings to my soul while presenting my message as founder Chairperson of Department of Pharmacy, Faculty of Health & Medical Sciences, Mirpur University of Science & Technology (MUST), Mirpur AJ&K. It's being established with a goal to impart quality education, skills and knowledge in the field of Pharmacy. The philosophy of institute is to transform and redefine the educational process in order to create a new system that is able to engender a new generation of professionals; capable of achieving new heights in academics and health apparatus of the region. This department has been equipped with the most up to date equipment and this will definitely help the youth to be professional Pharmacists in future. I welcome students and wish them a pleasant, safe and productive stay at Mirpur university of Science and Technology and beautiful city of Mirpur.



Doctor of Pharmacy (Pharm. D.)

Discipline of Pharm D (Doctor of Pharmacy) is not a new entity for MUST as it has been opted as public private partnership in the form of Akson College of Pharmacy since 2011. After HEC recommendations, University has planned to establish its own Pharmacy Department. MUST as being a symbol of wisdom and virtue; has laid foundations of such locally and globally demanded entities on environment of critical thinking, quality attributes, human dignity, ethics, excellence, accountability and professionalism. Our primary focus will be to advance societal health through leadership in Pharmacy education, research, community engagements and improved patient care.

Program Mission

"To provide quality pharmacy education & research that contributes significantly to improve health care system of the society, through intra disciplinary approach."

Program Educational Objectives (PEOs)

- To provide comprehensive pharmacy education to cope the challenges of pharmaceutical care of our health apparatus.
- To produce quality pharmacists capable of steering the helm of affairs of our pharmaceutical industry.
- To foster an environment that enables graduates to acquire knowledge, analytical skills, problem solving attitude and ethical values necessary to enter pharmacy practice and provide patient centered pharmacy services.
- To promote collaboration with other health professions to materialize the concept of rational and cost effective drug use for health promotion and illness prevention of the society.
- To educate the community about misuse/mishandling/ compliance of medicines through various civic engagement modules.

Admission Criteria

F.Sc. (Pre-medical) or equivalent with 60% minimum marks.

Duration

10-14 Semesters



Scheme of Study (Pharm. D)

	1 st Semester				
Course Code	Course Title	Lect. Hrs.	Lab. Hrs.	Cr. Hrs.	
ENG 300	English-A (Functional English)	2	0	2	
PHARM 310	Pharmaceutics-IA (Physical Pharmacy)	3	1	4	
PHARM 311	Pharmaceutical Chemistry-IA (Organic)	3	1	4	
PHARM 312	Pharmaceutical Chemistry-IIA (Biochemistry)	3	1	4	
PHARM 313	Physiology-A	3	1	4	
PHARM 314	Anatomy & Histology	3	1	4	
			Total	22	
	2 nd Semester				
Course Code	Course Title	Lect. Hrs.	Lab. Hrs.	Cr. Hrs.	
ENG 301	English-B (Communication & Writing skills)	4	0	4	
PHARM 315	Pharmaceutics-IB (Physical Pharmacy)	3	1	4	
PHARM 316	Pharmaceutical Chemistry-IB (Organic)	3	1	4	
PHARM 317	Pharmaceutical Chemistry-IIB (Biochemistry)	3	1	4	
PHARM 318	Physiology-B	3	1	4	
			Total	20	



3 rd Semester				
Course Code	Course Title	Lect. Hrs.	Lab. Hrs.	Cr. Hrs.
IS 402	Islamic Studies / Ethics	3	0	3
PHARM 410	Pharmaceutics-IIA (Dosage Forms Science)	3	1	4
PHARM 411	Pharmaceutics-IIIA(Pharmaceutical Microbiology & Immunology)	3	1	4
PHARM 412	Pharmacology and Therapeutics-IA	3	1	4
PHARM 413	Pharmacognosy-IA (Basic)	3	1	4
PHARM 414	Pharmacy Practice–IA (Pharmaceutical Mathematics)	3	0	3
Total				22
	4 th Semester			
Course Code	Course Title	Lect. Hrs.	Lab. Hrs.	Cr. Hrs.
PS 403	Pakistan Studies	2	0	2
PHARM 415	Pharmaceutics-IIB (Dosage Forms Science)	3	1	4
PHARM 416	Pharmaceutics-IIIB (Pharmaceutical Microbiology & Immunology)	3	1	4
PHARM 417	Pharmacology and Therapeutics-IB	3	1	4
PHARM 418	Pharmacognosy-IB (Basic)	3	1	4
PHARM 419	Pharmacy Practice – IB (Bio-statistics)	3	0	3
			Total	21



	5 th Semester				
Course Code	Course Title	Lect. Hrs.	Lab. Hrs.	Cr. Hrs.	
AR 504	Arabic	3	0	3	
PHARM 510	Pharmacy Practice-IIA (Dispensing Pharmacy)	3	1	4	
PHARM 511	Pharmaceutical Chemistry-IIIA (Pharmaceutical Analysis)	3	1	4	
PHARM 512	Pharmacology and Therapeutics-IIA	3	1	4	
PHARM 513	Pharmacognosy-IIA (Advanced)	3	1	4	
PHARM 514	Pathology	3	1	4	
			Total	23	
	6 th Semester				
Course Code	Course Title	Lect. Hrs.	Lab. Hrs.	Cr. Hrs.	
PHARM 515	Pharmacy Practice-IIB (Community, Social & Administrative Pharmacy)	3	0	3	
PHARM 516	Pharmaceutical Chemistry-IIIB (Pharmaceutical Analysis)	3	1	4	
PHARM 517	Pharmacology and Therapeutics-IIB	3	1	4	
PHARM 518	Pharmacognosy-IIB (Advanced)	3	1	4	
PHARM 519	Pharmacy Practice-III (Computer and its Applications in Pharmacy)	3	1	4	
			Total	19	



	7 th Semester				
Course Code	Course Title	Lect. Hrs.	Lab. Hrs.	Cr. Hrs.	
PHARM 610	Pharmacy Practice-IVA (Hospital Pharmacy)	3	0	3	
PHARM 611	Pharmacy Practice-VA (Clinical Pharmacy-I)	3	1	4	
PHARM 612	Pharmaceutics-IVA (Industrial Pharmacy)	3	1	4	
PHARM 613	Pharmaceutics-VA (Biopharmaceutics & Pharmacokinetics)	3	1	4	
PHARM 614	Pharmaceutics-VIA (Pharmaceutical Quality Management)	3	1	4	
		<u> </u>	Total	19	
	8 th Semester				
Course Code	Course Title	Lect. Hrs.	Lab. Hrs.	Cr. Hrs.	
PHARM 615	Pharmacy Practice-IVB (Hospital Pharmacy)	3	0	3	
PHARM 616	Pharmacy Practice-VB (Clinical Pharmacy-I)	3	1	4	
PHARM 617	Pharmaceutics-IVB (Industrial Pharmacy)	3	1	4	
PHARM 618	Pharmaceutics-VB (Biopharmaceutics & Pharmacokinetics)	3	1	4	
PHARM 619	Pharmaceutics-VIB (Pharmaceutical Quality Management)	3	1	4	
			Total	19	



	9 th Semester				
Course Code	Course Title	Lect. Hrs.	Lab. Hrs.	Cr. Hrs.	
PHARM 710	Pharmaceutics-VIIA (Pharmaceutical Technology)	3	1	4	
PHARM 711	Pharmacy Practice-VIA (Advanced Clinical Pharmacy-II)	3	1	4	
PHARM 712	Pharmacy Practice-VIIA (Forensic Pharmacy)	3	0	3	
PHARM 713	Pharmacy Practice-VIIIA (Pharmaceutical Management & Marketing)	3	0	3	
PHARM 714	Pharmaceutical Chemistry-IVA (Medicinal Chemistry)	3	1	4	
			Total	18	
	10 th Semester				
Course Code	Course Title	Lect. Hrs.	Lab. Hrs.	Cr. Hrs.	
PHARM 715	Pharmaceutics-VIIB (Pharmaceutical Technology)	3	1	4	
PHARM 716	Pharmacy Practice-VIB (Advanced Clinical Pharmacy-II)	3	1	4	
PHARM 717	Pharmacy Practice-VIIB (Forensic Pharmacy)	3	0	3	
PHARM 718	Pharmacy Practice-VIIIB (Pharmaceutical Management & Marketing)	3	0	3	
PHARM 719	Pharmaceutical Chemistry-IVB (Medicinal Chemistry)	3	1	4	
			Total	18	