



FACULTY OF
SCIENCE AND
HEALTH SCIENCE



2024 - 25

Pharm D

Programme Structure

Division	Faculty of Science & Health Science
School Name	School of Health Science & Technology
Department Name	Department of Pharmaceutical Science
Programme Name	Pharm D

Credit Distribution

Course Type	Description
Programme Core	Courses dealing with foundations, depth and breadth of the major in which a student is admitted at MIT-WPU
Programme Electives	Open electives under the Programme allow students to specialise in a particular area connected to their major.
University Core	Courses that reflect the core MITWPU values and the mission of Life Transformation of students.
University Electives	Multidisciplinary courses across the faculties at MIT-WPU and outside the Programme core.

Year	Name of the course	Type	Weekly Workload, Hrs.			Credits		Assessment, Marks			
			Theory	Tutorial	Lab	Th	Lab	CCA*	LCA*	End Term Test	Total
I	Human Anatomy and Physiology Theory	Core	3	1	-	-	-	30	-	70	100
I	Human Anatomy and Physiology Practical	Core	-	-	3	-	-	-	30	70	100
I	Pharmaceutics Theory	Core	2	1	-	-	-	30	-	70	100
I	Pharmaceutics Practical	Core	-	-	3	-	-	-	30	70	100

Year	Name of the course	Type	Weekly Workload, Hrs.			Credits		Assessment, Marks			
			Theory	Tutorial	Lab	Th	Lab	CCA*	LCA*	End Term Test	Total
I	Medicinal Biochemistry Theory	Core	3	1	-	-	-	30	-	70	100
I	Medicinal Biochemistry Practical	Core	-	-	3	-	-	-	30	70	100
I	Pharmaceutical Organic Chemistry Theory	Core	3	1	-	-	-	30	-	70	100
I	Pharmaceutical Organic Chemistry Practical	Core	-	-	3	-	-	-	30	70	100
I	Pharmaceutical Inorganic Chemistry Theory	Core	2	1	-	-	-	30	-	70	100
I	Pharmaceutical Inorganic Chemistry Practical	Core	-	-	3	-	-	-	30	70	100
I	Remedial Mathematics Theory	Core	3	1	-	-	-	30	-	70	100
I	Remedial Biology Theory	Core	3	1	-	-	-	30	-	70	100
I	Remedial Biology Practical	Core	-	-	3	-	-	-	30	70	100
I	Foundations of Peace		1	-	-	-	-	60	-	40	100
I	Yoga for Excellence in Life-I		-	-	1	-	-	-	50	-	50
	Total		20	7	19			270	230	950	1450

Year	Name of the course	Type	Weekly Workload, Hrs.			Credits		Assessment, Marks			
			Theory	Tutorial	Lab	Th	Lab	CCA*	LCA*	End Term Test	Total
II	Pathophysiology Theory	Core	3	1	-	-	-	30	-	70	
II	Pharmaceutical Microbiology Theory	Core	3	1	-	-	-	30	-	70	100
II	Pharmaceutical Microbiology Practical	Core	-	-	3	-	-	-	30	70	100
II	Pharmacognosy & Phytopharmaceuticals Theory	Core	3	1	-	-	-	30	-	70	100
II	Pharmacognosy & Phytopharmaceuticals Practical	Core	-	-	3	-	-	-	30	70	100
II	Pharmacology-I Theory	Core	3	1	-	-	-	30	-	70	100
II	Community Pharmacy Theory	Core	2	1	-	-	-	30	-	70	
II	Pharmacotherapeutics-I Theory	Core	3	1	-	-	-	30	-	70	100
II	Pharmacotherapeutics-I Practical	Core	-	-	3	-	-	-	30	70	100
II	Spiritual & Cultural Heritage; Indian Experience		1	-	-	-	-	-	-	-	-
	Total		17	6	9			150	90	630	

Year	Name of the course	Type	Weekly Workload, Hrs.			Credits		Assessment, Marks			
			Theory	Tutorial	Lab	Th	Lab	CCA*	LCA*	End Term Test	Total
III	Pharmacology-II Theory	Core	3	1	-			30	-	70	100
III	Pharmacology-II Practical	Core	-	-	3			-	30	70	100
III	Pharmaceutical Analysis Theory	Core	3	1	-	-	-	30	-	70	100
III	Pharmaceutical Analysis Practical	Core	-	-	3	-	-	-	30	70	100
III	Pharmaco-therapeutics-II Theory	Core	3	1	-	-	-	30	-	70	100
III	Pharmaco-therapeutics-II Practical	Core	-	-	3	-	-	-	30	70	100
III	Pharmaceutical Jurisprudence Theory	Core	2	1	-	-	-	30	-	70	100
III	Medicinal Chemistry Theory	Core	3	1	-	-	-	30	-	70	100
III	Medicinal Chemistry Practical	Core	-	-	3	-	-	-	30	70	100
III	Pharmaceutical Formulations Theory	Core	2	1	-	-	-	30	-	70	100
III	Pharmaceutical Formulations Practical	Core	-	-	3	-	-	-	30	70	100
III	Managing Conflicts Peacefully: Tools and Techniques		1	-	-	-	-	-	-	-	
	Total		17	6	15			180	150	770	1100

Year	Name of the course	Type	Weekly Workload, Hrs.			Credits		Assessment, Marks			
			Theory	Tutorial	Lab	Th	Lab	CCA*	LCA*	End Term Test	Total
IV	Pharmaco-therapeutics-III Theory	Core	3	1	-			30	-	70	100
IV	Pharmaco-therapeutics-III Practical	Core	-	-	3			-	30	70	100
IV	Hospital Pharmacy Theory	Core	2	1	-	-	-	30	-	70	100
IV	Hospital Pharmacy Practical	Core	-	-	4	-	-	-	30	70	100
IV	Clinical Pharmacy Theory	Core	3	1	-	-	-	30	-	70	100
IV	Clinical Pharmacy Practical	Core	-	-	3	-	-	-	30	70	100
IV	Biostatistics & Research Methodology Theory	Core	2	1	-	-	-	30	-	70	100
IV	Biopharmaceutics & Pharmacokinetics Theory	Core	3	1	-	-	-	30	-	70	100
IV	Biopharmaceutics & Pharmacokinetics Practical	Core	-	-	4	-	-	-	30	70	100
IV	Clinical Toxicology Theory	Core	2	1	-	-	-	30	-	70	100
	Total		15	6	14			180	120	700	1000

Year	Name of the course	Type	Weekly Workload, Hrs.			Credits		Assessment, Marks			
			Theory	Tutorial	Lab	Th	Lab	CCA*	LCA*	End Term Test	Total
V	Clinical Research Theory	Core	3	1	-	-	-	30	-	70	100
V	Pharmacoepidemiology and Pharmacoeconomics Theory	Core	3	1	-	-	-	30	-	70	100
V	Clinical Pharmacokinetics & Pharmacotherapeutic Drug Monitoring Theory	Core	2	1	-	-	-	30	-	70	100
V	Clerkship (Attending ward rounds on daily basis)	Core	-	1	-	-	30	-	-	70	100
V	Project work (Six Months- Hospital)	Core	-	-	-	-	-	-	-	100	100
	Total		8	4	-		30	90		310	500

Year	Name of the course	Maximum Score	Examination	Sessional	Total Score
VI	Internship / Residency Training	5	NA	NA	5

*Modifications to the programmes and courses are contingent upon adherence to university guidelines and procedures. Any proposed changes must undergo a thorough review process, including consultation with relevant academic departments, approval from the appropriate administrative bodies, and compliance with accreditation standards.

Additionally, consideration will be given to feedback from students, faculty, and other stakeholders to ensure that modifications align with the overall educational objectives and mission of the university. The implementation of any approved changes will be communicated transparently to the university community, and appropriate measures will be taken to facilitate a smooth transition for all affected parties.