

PHARM. D PROGRAM DETAILS

The curriculum is designed to emphasize on all major areas of instructions so as to develop strong foundation of the students, which is presented in the following scheme.

SCHEME OF COURSES FOR PHARM-D

(FIVE YEAR SEMESTER SYSTEM)

1ST Professional Pharm-D

1 st Semester			2 nd Semester		
Course No	Subject	Cr Hr	Course No	Subject	Cr Hr
301	Pharmaceutics- [Th]	3	302	Pharmaceutics-II (Physical Pharmacy-II) [Th]	3
303	Pharmaceutics- [Lab]	1	304	Pharmaceutics-II (Physical Pharmacy-II) [Lab]	1
305	Pharmaceutical Chemistry-1 (Organic-1 [Th]	3	306	Pharmaceutical Chemistry-11 (Organic -11) [Th]	3
307	Pharmaceutical Chemistry-1 (Organic-1 [Lab]	1	308	Pharmaceutical Chemistry-11 (Organic -11) [Lab]	1
309	Pharmaceutical Biochemistry-1 [Th]	3	310	Pharmaceutical Biochemistry-II [Th]	3
311	Pharmaceutical Biochemistry-1 [Lab.]	1	312	Pharmaceutical Biochemistry-II [Lab]	1
313	Physiology & Histology-1 [Th]	3	314	Physiology II [Th]	3
315	Physiology & Histology-1 [Lab]	1	316	Physiology [Lab]	1
317	Anatomy	3	318	Anatomy & Histology [Lab]	1
319	Pharmaceutical Mathematics	3	320	Biostatistics	3
	Total Cr. Hr	22		Total Cr. Hr	20

2nd Professional Pharm-D

1 st Semester			2 nd Semester		
Course No	Subject	Cr Hr	Course No	Subject	Cr Hr
401	Pharmaceutics-III (Pharmaceutical Preparation – I) [Th]	3	402	Pharmaceutics-IV (Pharmaceutical Preparation-II) [Th]	3
403	Pharmaceutics-III (Pharmaceutical Preparation – I) [Lab]	1	404	Pharmaceutics-IV (Pharmaceutical Preparation-II) [Lab]	1
405	Pharmacology & Therapeutics-I (General –I) [Th]	3	406	Pharmacology & Therapeutics-II (General –II) [Th]	3
407	Pharmacology & Therapeutics-I (General –I) [Lab]	1	408	Pharmacology & Therapeutics-II (General –II) [Lab]	1
409	Pharmacognosy –I [Th]	3	410	Pharmacognosy –II [Th]	3
411	Pharmacognosy –I [Lab]	1	412	Pharmacognosy –II [Lab]	1
413	Pharmaceutical Microbiology –I [Th]	3	414	Pharmaceutical Microbiology –II [Th]	3
415	Pharmaceutical Microbiology –I [Lab]	1	416	Pharmaceutical Microbiology –II [Lab]	1
417	Pakistan Studies	3	418	Islamiyat	3
Total Cr. Hr		19	Total Cr. Hr		19

3rd Professional Pharm-D

1 st Semester			2 nd Semester		
Course No	Subject	Cr Hr	Course No	Subject	Cr Hr
501	Pathology [Th]	3	502	Computer and its Application in pharmacy [Th]	3
503	Pathology [Lab]	1	504	Computer and its Application in pharmacy [Lab]	1
505	Pharmacology & Therapeutics-III (Systemic Pharmacology –I) [Th]	3	506	Pharmacology & Therapeutics-IV (Systemic Pharmacology –II) [Th]	3
507	Pharmacology & Therapeutics-III (Systemic Pharmacology –I) [Lab]	1	508	Pharmacology & Therapeutics-IV (Systemic Pharmacology –II) [Lab]	1
509	Pharmacognosy –III [Th]	3	510	Pharmacognosy –IV [Th]	3
511	Pharmacognosy –III [Lab]	1	512	Pharmacognosy –IV [Lab]	1
513	Pharmaceutical Chemistry –III (Instrumentation – I) [Th]	3	514	Pharmaceutical Chemistry –IV (Instrumentation –II) [Th]	3
515	Pharmaceutical Chemistry –III (Instrumentation – I) [Lab]	1	516	Pharmaceutical Chemistry –IV (Instrumentation –II) [Lab]	1
517	Pharmaceutics –V (Dispensing Pharmacy) [Th]	2	518	Pharmaceutics –VI (Community Pharmacy) [Th]	4
519	Pharmaceutics –V (Dispensing Pharmacy) [Lab]	1			
	Total Cr. Hr	19		Total Cr. Hr	20

4th Professional Pharm-D

1 st Semester			2 nd Semester		
Course No	Subject	Cr Hr	Course No	Subject	Cr Hr
601	Pharmaceutics –VII (Hospital Pharmacy –I) [Th]	3	602	Pharmaceutics –VII (Hospital Pharmacy –II) [Th]	3
603	Pharmaceutics –VII (Clinical Pharmacy –I) [Th]	3	604	Pharmaceutics –VII (Clinical Pharmacy –II) [Th]	3
605	Pharmaceutics –VII (Clinical Pharmacy –I) [Lab]	1	606	Pharmaceutics –VII (Clinical Pharmacy –II) [Lab]	1
607	Pharmaceutics –IX (Industrial Pharmacy-I) [Th]	3	608	Pharmaceutics –IX (Industrial Pharmacy-II) [Th]	3
609	Pharmaceutics –IX (Industrial Pharmacy-I) [Lab]	1	610	Pharmaceutics –IX (Industrial Pharmacy-II) [Lab]	1
611	Pharmaceutics –X (Bio-Pharmaceutics –I) [Th]	3	612	Pharmaceutics –X (Bio-Pharmaceutics –II) [Th]	3
613	Pharmaceutics –X (Bio-Pharmaceutics –I) [Lab]	1	614	Pharmaceutics –X (Bio-Pharmaceutics –II) [Lab]	1
615	Pharmaceutics –XI (Pharmaceutical Quality Management –I) [Th]	3	616	Pharmaceutics –XI (Pharmaceutical Quality Management –II) [Th]	3
517	Pharmaceutics –XI (Pharmaceutical Quality Management –I) [Lab]	1	618	Pharmaceutics –XI (Pharmaceutical Quality Management –II) [Lab]	1
	Total Cr. Hr	19		Total Cr. Hr	19

5th Professional Pharm-D

1 st Semester	2 nd Semester
--------------------------	--------------------------

Course No	Subject	Cr Hr	Course No	Subject	Cr Hr
701	Pharmaceutical Chemistry –V (Medicinal –I) [Th]	3	702	Pharmaceutical Chemistry –V (Medicinal –II) [Th]	3
703	Pharmaceutical Chemistry –V (Medicinal –I) [Lab]	1	704	Pharmaceutical Chemistry –V (Medicinal –II) [Lab]	1
705	Pharmaceutics –XVII (Clinical Pharmacy –III) [Th]	3	706	Pharmaceutics –XVII (Clinical Pharmacy –IV) [Th]	3
707	Pharmaceutics –XVII (Clinical Pharmacy –III) [Lab]	1	708	Pharmaceutics –XVII (Clinical Pharmacy –IV) [Lab]	1
709	Pharmaceutics –XVIII (Pharmaceutical Technology –I) [Th]	3	710	Pharmaceutics –XVIII (Pharmaceutical Technology –II) [Th]	3
711	Pharmaceutics –XVIII (Pharmaceutical Technology –I) [Lab]	1	712	Pharmaceutics –XVIII (Pharmaceutical Technology –II) [Lab]	1
713	Pharmaceutics – XIX (Forensic Pharmacy –I) [Th]	3	714	Pharmaceutics – XIX (Forensic Pharmacy –II) [Th]	3
715	Pharmaceutics-XX (Pharmaceutical Management & Marketing –I) [Th]	3	716	Pharmaceutics-XX (Pharmaceutical Management & Marketing –II) [Th]	3
	Total Cr. Hr	18		Total Cr. Hr	18

	1st Semester	2nd Semester	Total
CR.Hrs	CR.Hrs	CR. Hrs.	
1 st Prof.	22	20	42
2 nd Prof	19	19	38
3 rd Prof	19	20	39
4 th Prof	19	19	38
5 th Prof	18	18	36
Total	97	96	193