

**FACULTY OF PHARMACY**  
**DOCTOR OF PHARMACY (PHARM-D) MORNING & EVENING PROGRAM**

**5- Year Degree Program (10-Semester) CH-198**

Pre-requisite: H.S.C.: Pre-Medical with at least 60% aggregate score.

Curricula for this 5- Year Professional Degree Program, spread over TEN semesters, are organised as under:

<b>A. General Requirements CH-11</b>		<b>C.H</b>
ENG 300-301	English	2+4
IS 302	Islamic Studies	3
PS 303	Pakistan Studies	2

**B. Professional Requirements CH-187**

**FIRST YEAR**

<b>First Semester</b>		<b>C.H</b>
ENG 300	English-A (Functional English)	2
PHARM 310	Pharmaceutics-IA (Physical Pharmacy-I) Th.	3
PHARM 311	Pharmaceutics-IA (Physical Pharmacy-I)Lab	1
PHARM 312	Pharmaceutical Chemistry-IA(Organic) Th	3
PHARM 313	Pharmaceutical Chemistry-IA(Organic) Lab	1
PHARM 314	Pharmaceutical Chemistry-IIA (Biochemistry) Th	3
PHARM 315	Pharmaceutical Chemistry-IIA (Biochemistry) Lab	1
PHARM 316	Physiology-A Th	3
PHARM 317	Physiology-A Lab	1
PHARM 318	Anatomy & Histology Th	3
PHARM 319	Anatomy & Histology Lab	1

<b>Second Semester</b>		<b>C.H</b>
ENG 301	English-B (Communication & Writing skills)	4
PHARM 320	Pharmaceutics-IB (Physical Pharmacy-II) Th	3
PHARM 321	Pharmaceutics-IB (Physical Pharmacy-II) Lab	1
PHARM 322	Pharmaceutical Chemistry-IB (Organic) Th	3
PHARM 323	Pharmaceutical Chemistry-IB (Organic)Lab	1
PHARM 324	Pharmaceutical Chemistry-IIB (Biochemistry) Th	3
PHARM 325	Pharmaceutical Chemistry-IIB (Biochemistry) Lab	1
PHARM 326	Physiology-B Th	3
PHARM 327	Physiology-B Lab	1

**SECOND YEAR**

<b>Third Semester</b>		<b>C.H</b>
IS 402	Islamic Studies	3
PHARM 410	Pharmaceutics-II A (Dosage Form Science-I) Th	3
PHARM 411	Pharmaceutics-II A (Dosage Form Science-I) Lab	1
PHARM 412	Pharmaceutics-III A	
PHARM 413	(Pharmaceutical Microbiology & Immunology-I) Th	3
	Pharmaceutics-III A	
	(Pharmaceutical Microbiology & Immunology-I) Lab	1
PHARM 414	Pharmacology and Therapeutics-IA Th	3
PHARM 415	Pharmacology and Therapeutics-IA Lab	1
PHARM 416	Pharmacognosy-IA (Basic) Th	3
PHARM 417	Pharmacognosy-IA (Basic) Lab	1
PHARM 418	Pharmacy Practice-IA (Pharmaceutical Mathematics)	3

<b>Fourth Semester</b>		<b>C.H</b>
PS 403	Pakistan Studies	2
PHARM 420	Pharmaceutics-IIB (Dosage Form Science-II) Th	3
PHARM 421	Pharmaceutics-IIB (Dosage Form Science-II) Lab	1
	Pharmaceutics-IIIB	
	(Pharmaceutical Microbiology & Immunology-II) Th	3
PHARM 423	Pharmaceutics-IIIB	
	Pharmaceutical Microbiology & Immunology-II) Lab	1
PHARM 424	Pharmacology and Therapeutics-IB Th	3
PHARM 425	Pharmacology and Therapeutics-IB Lab	1
PHARM 426	Pharmacognosy-IB (Basic)Th	3

PHARM 427	Pharmacognosy-IB (Basic)Lab	1
PHARM 428	Pharmacy Practice-IB (Bio-statistics)	3

### THIRD YEAR

<b>Fifth Semester</b>		<b>C.H</b>
PHARM 510	Pharmacy Practice-IIA (Dispensing Pharmacy) Th	3
PHARM 511	Pharmacy Practice-IIA (Dispensing Pharmacy) Lab	1
PHARM 512	Pharmaceutical Chemistry-IIIA (Pharmaceutical Analysis-I) Th	3
PHARM 513	Pharmaceutical Chemistry-IIIA (Pharmaceutical Analysis-I) Lab	1
PHARM 514	Pharmacology and Therapeutics-IIA Th	3
PHARM 515	Pharmacology and Therapeutics-IIA Lab	1
PHARM 516	Pharmacognosy-IIA (Advanced) Th	3
PHARM 517	Pharmacognosy-IIA (Advanced) Lab	1
PHARM 518	Pathology Th	3
PHARM 519	Pathology Lab	1
<b>Sixth Semester</b>		<b>C.H</b>
PHARM 520	Pharmacy Practice-IIB (Community, Social & Administrative Pharmacy) Th	3
PHARM 522	Pharmaceutical Chemistry-IIIB (Pharmaceutical Analysis-II) Th	3
PHARM 523	Pharmaceutical Chemistry-IIIB (Pharmaceutical Analysis-II) Lab	1
PHARM 524	Pharmacology and Therapeutics-IIB Th	3
PHARM 525	Pharmacology and Therapeutics-IIB Lab	1
PHARM 526	Pharmacognosy-IIB (Advanced) Th	3
PHARM 527	Pharmacognosy-IIB (Advanced) Lab	1
	Pharmacy Practice-III (Computer and its Applications in Pharmacy) Th	3
PHARM 529	Pharmacy Practice-III (Computer and its Applications in Pharmacy) Lab	1

### FOURTH YEAR

<b>Seventh Semester</b>		<b>C.H</b>
PHARM 610	Pharmacy Practice-IVA (Hospital Pharmacy-I)	3
PHARM 612	Pharmacy Practice-VA(Clinical Pharmacy-I) Th	3
PHARM 613	Pharmacy Practice-VA(Clinical Pharmacy-I) Lab	1
PHARM 614	Pharmaceutics-IVA (Industrial Pharmacy-I) Th	3
PHARM 615	Pharmaceutics-IVA (Industrial Pharmacy-I) Lab	1
PHARM 616	Pharmaceutics-VA (Biopharmaceutics & Pharmacokinetics-I) Th	3
PHARM 617	Pharmaceutics-VA (Biopharmaceutics & Pharmacokinetics-I) Lab	1
PHARM 618	Pharmaceutics-VIA (Pharmaceutical Quality Management-I) Th	3
PHARM 619	Pharmaceutics-VIA (Pharmaceutical Quality Management-I) Lab	1

<b>Eighth Semester</b>		<b>C.H</b>
PHARM 620	Pharmacy Practice-IVB (Hospital Pharmacy-II)	3
PHARM 622	Pharmacy Practice-VB (Clinical Pharmacy-II) Th	3
PHARM 623	Pharmacy Practice-VB (Clinical Pharmacy-II) Lab	1
PHARM 624	Pharmaceutics-IVB (Industrial Pharmacy-II) Th	3
PHARM 625	Pharmaceutics-IVB (Industrial Pharmacy-II) Lab	1
PHARM 626	Pharmaceutics-VB (Biopharmaceutics & Pharmacokinetics-II) Th	3
PHARM 627	Pharmaceutics-VB (Biopharmaceutics & Pharmacokinetics-II) Lab	1
PHARM 628	Pharmaceutics-VIB (Pharmaceutical Quality Management-II) Th	3
PHARM 629	Pharmaceutics-VIB (Pharmaceutical Quality Management-II) Lab	1

**FIFTH YEAR**

<b><i>Ninth Semester</i></b>	<b><i>C.H</i></b>
PHARM 710	Pharmaceutics-VIIA Pharmaceutical Technology-I) Th 3
PHARM 711	Pharmaceutics-VIIA Pharmaceutical Technology-I) Lab 1
PHARM 712	Pharmacy Practice-VIA (Advanced Clinical Pharmacy-I) Th 3
PHARM 713	Pharmacy Practice-VIA (Advanced Clinical Pharmacy-II) Lab 1
PHARM 714	Pharmacy Practice-VIIA (Forensic Pharmacy-I) Th 3
PHARM 716	Pharmacy Practice-VIIIA (Pharmaceutical Management & Marketing-I) Th 3
PHARM 718	Pharmaceutical Chemistry-IVA (Medicinal Chemistry-I) Th 3
PHARM 719	Pharmaceutical Chemistry-IVA (Medicinal Chemistry-I) Lab 1

<b><i>Tenth Semester</i></b>	<b><i>C.H</i></b>
PHARM 720	Pharmaceutics- VIIB (Pharmaceutical Technology-II) Th 3
PHARM 721	Pharmaceutics- VIIB (Pharmaceutical Technology-II) Lab 1
PHARM 722	Pharmacy Practice-VIB (Advanced Clinical Pharmacy-II) Th 3
PHARM 723	Pharmacy Practice-VIB (Advanced Clinical Pharmacy-II) Lab 1
PHARM 724	Pharmacy Practice-VIIB (Forensic Pharmacy-II) Th 3
PHARM 726	Pharmacy Practice-VIIIB (Pharmaceutical Management & Marketing-II) Th 3
PHARM 728	Pharmaceutical Chemistry-IVB (Medicinal Chemistry-II) Th 3
PHARM 729	Pharmaceutical Chemistry-IVB (Medicinal Chemistry-II) Lab 1