

Doctor of Pharmacy (Pharm-D)

Semester 1

Course Code	Course Title	Credit Hours
ENG-300	English-A (Functional English)	2 (2-0)
PHM-310	Pharmaceutics-IA (Physical Pharmacy)	4 (3-1)
PHM-311	Pharmaceutical Chemistry-I A (Organic)	4 (3-1)
PHM-312	Pharmaceutical Chemistry-II A	4 (3-1)
PHM-313	Biochemistry	4 (3-1)
PHM-314	Physiology-A (Anatomy & Histology)	4 (3-1)
	Total	22

Semester 2

Course Code	Course Title	Credit Hours
ENG – 301	English-B (Communication & Writing skills)	4 (4-0)
PHM – 315	Pharmaceutics-IB (Physical Pharmacy)	4 (3-1)
PHM – 316	Pharmaceutical Chemistry-IB (Organic)	4 (3-1)
PHM – 317	Pharmaceutical Chemistry-II B	4 (3-1)
PHM – 318	Physiology-B	4 (3-1)
	Total	20

Semester 3

Course Code	Course Title	Credit Hours
ISL-402	Islamic Studies	3 (3-0)
PHM-410	Pharmaceutics-IIA (Dosage Form Science)	4 (3-1)
PHM-411	Pharmaceutics-IIIA (Pharmaceutical Microbiology & Immunology)	4 (3-1)
PHM-412	Pharmacology and Therapeutics-IA	4 (3-1)
PHM-413	Pharmacognosy-IA (Basic)	4 (3-1)
PHM-414	Pharmacy Practice-IA (Pharmaceutical Mathematics)	3 (3-0)
	Total	22

Semester 4

Course Code	Course Title	Credit Hours
HPS 403	Pakistan Studies	2 (2-0)
PHM-415	Pharmaceutics-IIB (Dosage Form Science)	4 (3-1)
PHM-416	Pharmaceutics-IIIB (Pharmaceutical Microbiology & Immunology)	4 (3-1)
PHM-417	Pharmacology and Therapeutics-IB	4 (3-1)
PHM-418	Pharmacognosy-IB (Basic)	4 (3-1)
PHM-419	Pharmacy Practice-IB (Bio-statistics)	3 (3-0)
	Total	21

Semester 5

Course Code	Course Title	Credit Hours
PHM-510	Pharmacy Practice-IIA (Dispensing Pharmacy)	4 (3-1)
PHM-511	Pharmaceutical Chemistry-IIIA (Pharmaceutical Analysis)	4 (3-1)
PHM-512	Pharmacology and Therapeutics-IIA	4 (3-1)
PHM-513	Pharmacognosy-IIA (Advanced)	4 (3-1)

PHM-514	Pathology	4 (3-1)
	Total	20

Semester 6

Course Code	Course Title	Credit Hours
PHM-515	Pharmacy Practice-IIB (Community, Social & Administrative Pharmacy)	3(3-0)
PHM-516	Pharmaceutical Chemistry-IIIB (Pharmaceutical Analysis)	4 (3-1)
PHM-517	Pharmacology and Therapeutics-IIB	4 (3-1)
PHM-518	Pharmacognosy-IIB (Advanced)	4 (3-1)
PHM-519	Pharmacy Practice-III (Computer and its Applications in Pharmacy)	4 (3-1)
	Total	20

Semester 7

Course Code	Course Title	Credit Hours
PHM-610	Pharmacy Practice-IVA (Hospital Pharmacy)	3(3-0)
PHM-611	Pharmacy Practice-VA (Clinical Pharmacy)	4 (3-1)
PHM-612	Pharmaceutics-IVA (Industrial Pharmacy)	4 (3-1)
PHM-613	Pharmaceutics-VA (Biopharmaceutics & Pharmacokinetics)	4 (3-1)
PHM-614	Pharmaceutics-VIA (Pharmaceutical Quality Management)	4 (3-1)
	Total	19

Semester 8

Course Code	Course Title	Credit Hours
PHM-615	Pharmacy Practice-IVB (Hospital Pharmacy)	3(3-0)
PHM-616	Pharmacy Practice-VB (Clinical Pharmacy)	4 (3-1)
PHM-617	Pharmaceutics-IVB (Industrial Pharmacy)	4 (3-1)
PHM-618	Pharmaceutics-VB (Biopharmaceutics & Pharmacokinetics)	4 (3-1)
PHM-619	Pharmaceutics-VIB (Pharmaceutical Quality Management)	4 (3-1)
	Total	19

Semester 9

Course Code	Course Title	Credit Hours
PHM-710	Pharmaceutics-VIIA (Pharmaceutical Technology)	4 (3-1)
PHM-711	Pharmacy Practice-VIA (Advanced Clinical Pharmacy-II)	4 (3-1)
PHM-712	Pharmacy Practice-VIIA (Forensic Pharmacy)	3(3-0)
PHM-713	Pharmacy Practice-VIIIA (Pharmaceutical Management & Marketing)	3(3-0)
PHM-714	Pharmaceutical Chemistry-IVA (Medicinal Chemistry)	4 (3-1)
	Total	18

Semester 10

Course Code	Course Title	Credit Hours
-------------	--------------	--------------

PHM-715	Pharmaceutics- VIIB (Pharmaceutical Technology)	4 (3-1)
PHM-716	Pharmacy Practice-VIB (Advanced Clinical Pharmacy-II)	4 (3-1)
PHM-717	Pharmacy Practice-VIIB (Forensic Pharmacy)	3(3-0)
PHM-718	Pharmacy Practice-VIIIB (Pharmaceutical Management & Marketing)	3(3-0)
PHM-719	Pharmaceutical Chemistry-IVB (Medicinal Chemistry)	4 (3-1)
	Total	18