



Obaid Noor Institute of Medical Sciences

Course Outline

Doctor of Pharmacy (Pharm. D)

1st Professional

1st Semester

Subject-code	Subject Name	Credit Hours
ENG 300	English-A (Functional English)	2
PHARM 310	Pharmaceutics-IA (Physical	3+1
PHARM 311	Pharmacy) Pharmaceutical	3+1
PHARM 312	Chemistry-IA (Organic)	3+1
PHARM 313	Pharmaceutical Chemistry-IIA (Biochemistry)	3+1
PHARM 314	Physiology-A Anatomy & Histology	3+1

2nd Semester

Subject-code	Subject Name	Credit Hours
ENG 301	English-B (Communication & Writing skills)	4
PHARM 315	Pharmaceutics-IB(Physical Pharmacy)	3+1
PHARM 316	Pharmaceutical Chemistry-IB (Organic)	3+1
PHARM 317	Pharmaceutical Chemistry-IIB (Biochemistry)	3+1
PHARM 318	Physiology-B	3+1

2nd Professional

1st Semester

Subject-code	Subject Name	Credit Hours
IS 402	Islamic Studies	3
PHARM 410	Pharmaceutics-IIA (Dosage Forms Science)	3+1
PHARM 411	Pharmaceutics-IIIA (Pharmaceutical Microbiology & Immunology)	3+1
PHARM 412	Pharmacology and Therapeutics-IA	3+1
PHARM 413	Pharmacognosy-IA (Basic)	3+1
PHARM 414	Pharmacy Practice-IA (Pharmaceutical Mathematics)	3

2nd Semester

Subject-code	Subject Name	Credit Hours
PS 403	Pakistan Studies	2
PHARM 415	Pharmaceutics-IIB (Dosage Forms Science)	3+1
PHARM 416	Pharmaceutics-IIIB (Pharmaceutical Microbiology & Immunology)	3+1
PHARM 417	Pharmacology and Therapeutics-IB	3+1
PHARM 418	Pharmacognosy-IB (Basic)	3+1
PHARM 419	Pharmacy Practice-IB (Bio-statistics)	3

3rd Professional

1st Semester

Subject-code	Subject Name	Credit Hours
PHARM 510	Pharmacy Practice-IIA (Dispensing Pharmacy)	3+1
PHARM 511	Pharmaceutical Chemistry-IIIA (Pharmaceutical Analysis)	3+1
PHARM 512	Pharmacology and Therapeutics-IIA	3+1
PHARM 513	Pharmacognosy-IIA (Advanced)	3+1
PHARM 514	Pathology	3+1

2nd Semester

Subject-code	Subject Name	Credit Hours
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PHARM 515	Pharmacy Practice-IIB (Community, Social & Administrative Pharmacy)	3
PHARM 516	Pharmaceutical Chemistry-IIIB (Pharmaceutical Analysis)	3+1
PHARM 517	Pharmacology and Therapeutics-IIB	3+1
PHARM 518	Pharmacognosy-IIB (Advanced)	3+1
PHARM 519	Pharmacy Practice-III (Computer and its Applications in Pharmacy)	3+1

4th Professional

1st Semester

Subject-code	Subject Name	Credit Hours
PHARM 610	Pharmacy Practice-IVA (Hospital Pharmacy)	3
PHARM 611	Pharmacy Practice-VA (Clinical Pharmacy-I)	3+1
PHARM 612	Pharmaceutics-IVA (Industrial Pharmacy)	3+1
PHARM 613	Pharmaceutics-VA (Biopharmaceutics & Pharmacokinetics)	3+1
PHARM 614	Pharmaceutics-VIA (Pharmaceutical Quality Management)	3+1

2nd Semester

Subject-code	Subject Name	Credit Hours
PHARM 615	Pharmacy Practice-IVB (Hospital Pharmacy)	3
PHARM 616	Pharmacy Practice-VB (Clinical Pharmacy-I)	3+1
PHARM 617	Pharmaceutics-IVB (Industrial Pharmacy)	3+1
PHARM 618	Pharmaceutics-VB (Biopharmaceutics & Pharmacokinetics)	3+1
PHARM 619	Pharmaceutics-VIB (Pharmaceutical Quality Management)	3+1

5th Professional

1st Semester

Subject-code	Subject Name	Credit Hours
PHARM 710	Pharmaceutics-VIIA (Pharmaceutical Technology)	3+1
PHARM 711	Pharmacy Practice-VIA (Advanced Clinical Pharmacy-II)	3+1
PHARM 712	Pharmacy Practice-VIIA (Forensic Pharmacy)	3
PHARM 713	Pharmacy Practice-VIIIA (Pharmaceutical Management & Marketing)	3
PHARM 714	Pharmaceutical Chemistry-IVA (Medicinal Chemistry)	3+1

2nd Semester

Subject-code	Subject Name	Credit Hours
PHARM 715	Pharmaceutics- VIIB (Pharmaceutical Technology) Pharmacy	3+1
PHARM 716	Practice-VIB (Advanced Clinical Pharmacy-II)	3+1
PHARM 717	Pharmacy Practice-VIIB (Forensic Pharmacy)	3
PHARM 718	Pharmacy Practice-VIIIB (Pharmaceutical Management & Marketing)	3
PHARM 719	Pharmaceutical Chemistry-IVB (Medicinal Chemistry)	3+1