

Effective from AY 2023-2024		Pharmacy-Study Plan			Total Credits = 160.00	
Year 1 - Semester 1						
						Total=13.00
Course	Code	Course Title	Credit Hrs	Contact Hrs	Prerequisite	Corequisite
GRD	101	Biology	3.00	3.00		
GRD	102	Biology Lab	1.00	1.00		
GRD	103	English Language	3.00	3.00		
GRD	272	UAE Studies	3.00	3.00		
GRD	273	Arabic Studies	3.00	3.00		
Year 1 - Semester 2						
						Total=12.00
Course	Code	Course Title	Credits		Prerequisite	Corequisite
GRD	106	Health and Wellbeing	3.00	3.00		
GRD	113	Anatomy and Physiology	3.00	3.00		
GRD	114	Anatomy and Physiology Lab	1.00	1.00		
PHB	110	Pharm Organic Chemistry Lab	3.00	4.00		
PHB	120	Introduction to Pharmacy & Law	2.00	2.00		
Year 1 - Semester 3						
						Total=5.00
Course	Code	Course Title	Credits		Prerequisite	Corequisite
GRD	271	Islamic Studies	3.00	3.00		
PHB	XXX	Pharmacy Elective	2.00	2.00		
Year 2 - Semester 1						
						Total=13.00
Course	Code	Course Title	Credits		Prerequisite	Corequisite
PHB	214	Pharmacology 1 Lab	4.00	5.00	GRD113	
PHB	211	Medicinal Chemistry 1 Lab	3.00	4.00	PHB110	
PHB	216	Pharmaceutics Lab	3.00	4.00	PHB110	
PHB	213	Basic & Clinical Biochemistry Lab	3.00	4.00	PHB110	
Year 2 - Semester 2						
						Total=14.00
Course	Code	Course Title	Credits		Prerequisite	Corequisite
PHB	215	Pharmacology 2	3.00	3.00	PHB214	
PHB	212	Medicinal Chemistry 2	3.00	3.00	PHB211	
PHB	217	Microbiology & Immunology Lab	3.00	4.00	PHB213	
GRD	105	Communication in Healthcare	3.00	3.00		
PHB	222	Pharmaceutical Calculation	2.00	2.00	PHB120	
Year 2 - Semester 3						
						Total=6.00
Course	Code	Course Title	Credits		Prerequisite	Corequisite
PHB	223	IPPE 1	3.00	9.00	PHB120	PHB224
PHB	224	IPPE 2	3.00	9.00		PHB223
Year 3 - Semester 1						
						Total=14.00
Course	Code	Course Title	Credits		Prerequisite	Corequisite
PHB	321	Pharmacotherapy 1 Lab	3.00	4.00	PHB214	
PHB	320	Pharmaceutical Care Lab	3.00	4.00	PHB120	
PHB	315	Pharmaceutical Analysis Lab	3.00	4.00	PHB213	
PHB	323	Evidence-Based Pharmacy Lab	3.00	4.00		PHB324
PHB	324	Institutional Pharm Practice	2.00	2.00	PHB222	PHB323
Year 3 - Semester 2						
						Total=13.00
Course	Code	Course Title	Credits		Prerequisite	Corequisite
PHB	322	Pharmacotherapy 2 Lab	3.00	4.00	PHB321	
PHB	317	Pharmaceutical Technology	2.00	2.00	PHB216	PHB318
PHB	318	Biopharmaceutics & kinetics Lab	3.00	4.00		PHB317
PHB	327	Public Health & Vaccination	2.00	2.00	PHB320	
PHB	325	Non-RX Pharmacotherapy Lab	3.00	4.00	PHB323	
Year 3 - Semester 3						
						Total=6.00
Course	Code	Course Title	Credits		Prerequisite	Corequisite
PHB	326	IPPE 3	3.00	9.00	PHB324	
PHB	319	PIE	3.00	9.00	PHB317	Yes
Year 4 - Semester 1						
						Total=15.00
Course	Code	Course Title	Credits		Prerequisite	Corequisite
PHB	423	Pharmacotherapy 3 Lab	3.00	4.00	PHB322	
PHB	420	Pharmacoep & Pharmacovigilance	3.00	3.00	PHB320	PHB411
PHB	422	Pharm Management & Economics	3.00	3.00	PHB326	

PHB	410	Advanced Drug Delivery & Dev	2.00	2.00	PHB318	
PHB	411	Research Methodology	2.00	2.00		PHB420
PHB	421	Pharmaceutical Compounding Lab	2.00	3.00	PHB324	

Year 4 - Semester 2 Total=15.00

Course	Code	Course Title	Credits		Prerequisite	Corequisite
PHB	424	Pharmacotherapy 4 Lab	3.00	4.00	PHB423	
PHB	425	Pharmacogenom & Precision Med	3.00	3.00		PHB426
PHB	426	Digital Pharmacy & Informatics	3.00	3.00		PHB425
PHB	427	Phytotherapy Lab	3.00	4.00	PHB325	
PHB	412	Research Proposal Lab	3.00	4.00	PHB411	
GRD	107	Basic Life Support	0.00	0.00		

Year 4 - Semester 3 Total=3.00

Course	Code	Course Title	Credits		Prerequisite	Corequisite
PHB	XXX	*IPPE 4 Elective	3.00	9.00	PHB420	

Year 5 - Semester 1 Total=15.00

Course	Code	Course Title	Credits		Prerequisite	Corequisite
PHB	526	Pharmacotherapy 5 Lab	3.00	4.00	PHB424	
GRD	301	Innovation & Entrepreneurship	3.00	3.00		
PHB	520	Clinical Pharmacokinetics	3.00	3.00	PHB318	PHB521
PHB	521	Medication Therapy Management	2.00	2.00	PHB324	PHB520
PHB	513	Graduation Research Project Lab	2.00	4.00	PHB412	
PHB	XXX	Pharmacy Elective	2.00	2.00		

Year 5 - Semester 2 Total=16.00

Course	Code	Course Title	Credits		Prerequisite	Corequisite
PHB	531	APPE1 Internal Medicine	4.00	12.00	PHB326	PHB532
PHB	532	APPE2 Surgery	4.00	12.00		PHB531
PHB	533	APPE3 Ambulatory Care	4.00	12.00		PHB534
PHB	534	APPE4 Critical Care	4.00	12.00		PHB533

Pharmacy Electives: Students must study 2 of these courses before graduation			Pharmacy Electives *IPPE4: Students must study 1 of these placements before graduation		
Course Code	Course Title	Credits	Course Code	Course Title	Credits
PHB711	Cosmetic Formulations	2.00	PHB723	IPPE4 Academics & Education	3.00
PHB712	Drug Discovery from Nature	2.00	PHB724	IPPE4 Dig Health & Automation	3.00
PHB713	Vaccine Formulations & Dev	2.00	PHB725	IPPE4 Pharmaceutical Marketing	3.00
PHB721	Complementary & Altern Medicin	2.00	PHB726	IPPE4 Pharmacovigilance & RA	3.00
PHB722	Clinical Nutrition	2.00	PHB727	IPPE4 Drug discovery	3.00
PHB714	AI Assisted Drug Discovery	2.00	PHB728	IPPE4 Forensic Medicine	3.00

IPPE = Introductory Pharmacy Practice Experience
 APPE = Advanced Pharmacy Practice Experience
 PIE = Pharmaceutical Industry Experience
 1 Credit Hr/week = 1 Contact Hrs/week in Theoretical components
 1 Credit Hr/week = 2 Contact Hrs/week in Laboratory components
 1 Credit Hr/week = 3 Contact Hrs/week in Placement components