

Effective from 2021-2022		HD-Pharmacy-Study Plan		Total Credits = 94.00	
Year 1 - Semester 1					
Course	Code	Course Title	Credits	Prerequisite	Corequisite
GRD	100	First Year Seminar	0.00		
GRD	101	Biology	3.00		GRD 102
GRD	102	Biology Lab	1.00		GRD 101
GRD	141	Chemistry	3.00		GRD 142
GRD	142	Chemistry Lab	1.00		GRD 141
GRD	151	Calculus for Health Sciences	3.00		
GRD	161	Academic Writng 1	2.00		
PHA	130	Introduction to Pharmacy	2.00		
Year 1 - Semester 2					
Course	Code	Course Title	Credits	Prerequisite	Corequisite
GRD	111	Anatomy and Physiology A	3.00		GRD 112
GRD	112	Anatomy and Physiology Lab A	1.00		GRD 111
GRD	261	Academic Writng 2	2.00	GRD 161	
PHA	112	Bio-Organic & Med Chem	3.00	GRD 141, GRD 142	PHA 113
PHA	113	Biochem Cellular Molec Bio	4.00	GRD 141, GRD 142	PHA 112
PHA	131	Pharmacy Health & Society	2.00		
Year 1 - Semester 3					
Course	Code	Course Title	Credits	Prerequisite	Corequisite
GRD	251	Introduction to Biostatstics	3.00		
Year 2 - Semester 1					
Course	Code	Course Title	Credits	Prerequisite	Corequisite
GRD	271	Islamic Studies	3.00		
PHA	213	Basis of Drug Action	3.00	PHA 112	
PHA	221	Principles of Pharmacology	3.00	PHA 112, PHA 113, PHA 130	
PHA	232	Non-RX meds for self-care	3.00	PHA 131	
PHA	233	Pharmacy Law and Ethics	2.00	PHA 131	
Year 2 - Semester 2					
Course	Code	Course Title	Credits	Prerequisite	Corequisite
GRD	121	Anatomy and Physiology B	3.00	GRD 111, GRD 112	GRD 122
GRD	122	Anatomy and Physiology Lab B	1.00	GRD 111, GRD 112	GRD 121
GRD	171	Introduction to Psychology	3.00		
PHA	214	Physicochem Basis Pharm	3.00	GRD 141	
PHA	215	Microbiology & Immunology	3.00	GRD 101, PHA 221	
PHA	222	Drug Delivery & Physical Pharm	3.00		PHA 214
Year 2 - Semester 3					
Course	Code	Course Title	Credits	Prerequisite	Corequisite
PHA	151	Community PEP A	3.00	PHA 131	
PHA	252	Community PEP B	3.00	PHA 151, PHA 232, PHA 233	
Year 3 - Semester 1					
Course	Code	Course Title	Credits	Prerequisite	Corequisite
PHA	323	Drug Delivery and Dispositon	3.00	PHA 222, PHA 214	
PHA	381	Higher Diploma Practice	3.00		
PHA	382	Higher Diploma System Pharmacology	3.00		
GER- COLLEGE ELECTIVE REQUIREMENT			3.00		
PHARMACY ELECTIVE I			2.00		
Year 3 - Semester 2					
Course	Code	Course Title	Credits	Prerequisite	Corequisite
PHA	324	Drug Deliv Disp & Dynamics	3.00	PHA 323	
PHA	384	Higher Diploma Placement	4.00		A
PHA	385	Higher Diploma Placement	4.00		B

Pharmacy Electives

Course	Code	Course Title	Credits	Prerequisite
PHA	022	Cosmeceutical and Cosmetic Formulations for Pharmacists	2.00	
PHA	023	Applied Pharmaceutical Microbiology and Biotechnology for Pharmacists	2.00	PHA215
PHA	032	Applied Communication Skills for Pharmacists	2.00	
PHA	033	Applied Ethical Principles in Pharmacy Practice	2.00	
PHA	041	Clinical Trial Management for Pharmacists	2.00	