

Course No. MEDI101 Hur MEDI102 Hea	THOURS FOR THE PROGRAM GENERAL PHARMACY YEAR ([ Fall Semester Course Title	34 ] credit	hours)		165 CREI	DITS			
MEDI101 Hur MEDI102 Hea	Fall Semester	34] credit	hours)						
MEDI101 Hur MEDI102 Hea									
MEDI101 Hur MEDI102 Hea	Course Title		Fall Semester						
MEDI102 Hea		Credit Hours	Pre- requisites	Concurrent pre- requisite					
	uman Structure Function I	3 credits							
0005	ealth Professions Education	3 credits							
CORE COI	ORE CURRICULUM	3 credits							
CHEM101 Ger	eneral Chemistry	3 credits							
CHEM103 Exp	perimental General Chemistry I	1 credit		CHEM101					
ENGL202 Eng	nglish Language I Post Foundation	3 credits							
Total Credit Hours in Semester (16 credits)									
Spring Semester									
Course No.	Course Title	Credit Hours	Pre- requisites	Concurrent pre- requisite					
MEDI103 Hur	uman Structure Function II	3 credits	MEDI101	•					
CHEM209 Fun	indamentals in Organic Chemistry	3 credits	CHEM101/ 103						
ENGL203 Eng	nglish Language II Post Foundation	3 credits	ENGL202						
PUBH151 Bios	ostatistics for health sciences	3 credits							
CORE COI	ORE CURRICULUM	3 credits							
-	nysical Chemistry for the Life ciences	3 credits	CHEM101/ 103						
Total Credit Hou	ours in Semester (18 credits)								
	Summer Semes	ter							
Course No.	Course Title	Credit Hours	Pre- requisites	Concurrent pre- requisite					
CORE	CORE CURRICULUM (optional)								

FIRST YEAR ([ 29 ] credit hours)						SECOND YEAR ([ 36 ] credit hours)					
Fall Semester						Fall Semester					
Course No.	Course Title	Credit Hours	Pre- requisites	Concurrent pre- requisite	Course No.	Course Title	Credit Hours	Pre- requisites	Concurrent pre- requisite		
PHAR200	Medicinal Chemistry I	3 credits			PHAR305	Pharmacy research evaluation & presentation skills I (PREP I)	2 credits				
PHAR230	Pharmacy & Healthcare	2 credits			PHAR310	Pharmaceutics II	2 credits	PHAR210			
PHAR240	Professional Skills I	2 credits			PHAR316	Basic Pharmacokinetics	2 credits				
CHEM351	Basic Biochemistry	3 credits	CHEM209		PHAR340	Professional Skills III	2 credits	PHAR241			
CHEM352	Experimental Biochemistry	1 credit	CHEM351		PHAR331	Disease/Medication Management (DMM-I)	4 credits	PHAR220			
MATH101	Calculus I	3 credits			PHAR332	Disease/Medication Management II (DMM-2)	4 credits	PHAR220			
Total Credit	Total Credit Hours in Semester (14 credits)					lit Hours in Semester (16 credits)					
Spring Semester					Spring Semester						
Course No.	Course Title	Credit Hours	Pre- requisites	Concurrent pre- requisite	Course No.	Course Title	Credit Hours	Pre- requisites	Concurrent pre- requisite		
PHAR201	Medicinal Chemistry II	3 credits	PHAR200	-	PHAR306	Pharmacy research evaluation & presentation skills II (PREP II)	2 credits	PHAR305			
PHAR220	Foundations of Pharmacology & Pharmacotherapeutics I	2 credits			PHAR311	Pharmaceutics III	2 credits	PHAR310			
PHAR241	Professional Skills II	2 credits	PHAR240		PHAR317	Clinical Pharmacokinetics	2 credits	PHAR316			
PHAR210	Pharmaceutics I	2 credits	CHEM240		PHAR341	Professional Skills IV	2 credits	PHAR340			
PHAR250	Microbiology for Health Sciences	3 credits			PHAR333	Disease/Medication Management III	4 credits	PHAR220			
CORE	CORE Curriculum Course	3 credits			PHAR334	Disease/Medication Management IV	4 credits	PHAR220			
Total Credit	t Hours in Semester (15 credits)				Total Cred	lit Hours in Semester (16 credits)		1			
Summer Semester						Summer Semester					
Course No.	Course Title	Credit Hours	Pre- requisites	Concurrent pre- requisite	Course No.	Course Title	Credit Hours	Pre- requisites	Concurrent pre- requisite		
					PHAR330	Structured practical experiences in pharmacy I (4wks)	4 credits				
Total Credit	t Hours in Semester				Total Credit Hours in Semester (4 Credits)						

THIRD YEAR ([ 37 ] credit hours) Fall Semester						FOURTH YEAR ([ 29 ] credit hours)						
						Fall Semester						
Course No.	Course Title	Credit Hours	Pre- requisites	Concurrent pre- requisite	Course No.	Course Title	Credit Hours	Pre- requisites	Concurrent pre- requisite			
PHAR405	Pharmacy research evaluation & presentation skills III (PREP III)	2 credits	PHAR306		PHAR525	Pharmacoeconomics	2 credits					
PHAR410	Pharmaceutics IV	2 credits	PHAR311		PHAR535	Pharmacy Leadership Management, and Marketing	2 credits					
PHAR440	Professional Skills V	2 credits	PHAR341		PHAR545	Research in Pharmacy II	2 credits	PHAR445				
PHAR4XX (PHAR444 ,PHAR488, PHAR499	ELECTIVES in Pharmacy (Drug in Sports, OR Pharmacogenomics & Precision Medicine OR Industrial &Regulatory Pharmacy)	3 credits			PHAR555	Phytotherapy	2 credits					
PHAR435	Disease/Medication Management V	4 credits	PHAR220		CORE	CORE Curriculum Course	3 credits					
PHAR436	Disease/Medication Management VI	4 credits	PHAR220		CORE	Optional Core curriculum course for those who did complete						
					PHAR565	Basic & Clinical Toxicology	2 credits					
Total Credit Hours in Semester (17 credits)						Total Credit Hours in Semester (13 credits)						
Spring Semester					Spring Semester							
Course No.	Course Title	Credit Hours	Pre- requisites	Concurrent pre- requisite	Course No.	Course Title	Credit Hours	Pre- requisites	Concurrent pre- requisite			
PHAR445	Research in Pharmacy I	2 credits			PHAR530	Structured practical experiences in pharmacy SPEP III	4 credits	PHAR430				
PHAR461	Patient Assessment Lab	2 credits			PHAR531	Structured practical experiences in pharmacy SPEP IV	4 credits	PHAR530				
PHAR441	Professional Skills VI	2 credits	PHAR440		PHAR532	Structured practical experiences in pharmacy SPEP V	4 credits	PHAR531				
PHAR437	Disease/Medication Management VII	4 credits	PHAR220		PHAR533	Structured practical experiences in pharmacy SPEP VI	4 credits	PHAR532				
PHAR438	Disease/Medication Management VIII	4 credits	PHAR220									
PHAR451	Patient Law Ethics and Patient Safety	2 credits										
Total Credit	Hours in Semester (16 credits)				Total Credit	t Hours in Semester (16 credits)		·				
Summer Semester						Summer Semester						
Course No.	Course Title	Credit Hours	Pre- requisites	Concurrent pre- requisite	Course No.	Course Title	Credit Hours	Pre- requisites	Concurrent pre- requisite			

PHAR430	Structured practical experiences in pharmacy II	4 credits	PHAR330						
PHAR430	(4wks)	4 creats							
Total Credit	Total Credit Hours in Semester (4 Credits)					Total Credit Hours in Semester			

## CORE CURRICULUM PACKAGE FOR THE COLLEGE OF PHARMACY (33CHS)

Identity and Communication Package (15 CHs)

• ARAB 100 Arabic language I

- ENGL 202 English Language I Post Foundation
- ENGL 203 English Language II Post Foundation
- DAWA 111 Islamic Culture

• HIST 121 History of Qatar

Social/Behavioral Sciences package (3 CHs)

• Innovation leadership and civic engagement (UNIV200) OR any course from Social/Behavioral Sciences package (3 CHs)

Humanities /Fine Arts package (0 CHs) Core Knowledge and Skills package (OCHs)

Natural Science/Mathematics package (3 CHs)

• MATH 101 Calculus I

Supplemental College/Program Core Requirements package (12 CHs)

- CHEM 351 Basic Biochemistry (3 credits)
- CHEM 101 General Chemistry I (3 credits)
- CHEM 209 Fundamentals in Organic Chemistry (3 credits)
- CHEM 240 Physical Chemistry (3 credits)