



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	
<b>Total Credit Hours in Semester ( 14 credits )</b>					<b>Total Credit Hours in Semester (16 credits)</b>				
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	
<b>Total Credit Hours in Semester (15 credits)</b>					<b>Total Credit Hours in Semester (16 credits)</b>				
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		
<b>Total Credit Hours in Semester</b>					<b>Total Credit Hours in Semester (4 Credits)</b>				

THIRD YEAR ([ 37 ] credit hours)					FOURTH YEAR ([ 29 ] 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
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		
<b>Total Credit Hours in Semester (17 credits)</b>					<b>Total Credit Hours in Semester (13 credits)</b>				
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							
<b>Total Credit Hours in Semester (16 credits)</b>					<b>Total Credit Hours in Semester (16 credits)</b>				
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 (4wks)	4 credits	PHAR330						
<b>Total Credit Hours in Semester (4 Credits)</b>									<b>Total Credit Hours in Semester</b>

## 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 (0CHs)

### 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)