

Faculty: **Pharmacy**Study plan hours: **164 h**Degree: **Bachelor**

First year Level 1 - (Preparatory year)					
Symbol	Course	hours Credit		Prerequisite	Total credit hours
		Theoretical	Practical		
ENG 140	English language: Reading	2	-----	-----	2
ENG 141	English language: Writing	2	-----	-----	2
ENG 142	English language: List. & speaking	2	-----	-----	2
ENG 143	English language: Grammars	2	-----	-----	2
MATH 140	Introduction of Mathematics	2	-----	-----	2
ETHC 140	Thinking and Ideation Skills	2	-----	-----	2
TECH 140	Computer Skills	3	-----	-----	3
Total					15
Level 2- First year (Preparatory year)					
Symbol	Course	Credit hours		Prerequisite	Total credit hours
		Theoretical	Practical		
ENG 150	English language: Speaking	2	-----	-----	3
ENG 150	Report Writing	2	-----	-----	2
ETHC 150	Occupational Ethics	2	-----	-----	1
SCI 150	Communication Skills	2	-----	-----	2
MATH 150	Algebraic Sciences	2	-----	-----	4
Total					12
Second year Level 3					
Symbol	Course	Credit hours		Prerequisite	Total credit hours
		Theoretical	Practical		
PHCH 211	Pharmaceutical Organic Chemistry-1	2	1	-----	3
PHCU 231	Physical Pharmacy	2	1	-----	3
ANAT 281	Anatomy and Histology	1	2	-----	3
PHYS 282	Physiology-1	2	1	-----	3
BICH 284	Biochemistry-1	1	1	-----	2
ISLM111	Islamic Culture- 1	2	-----	-----	2
ARB 201	Arabic Language- 1	2	-----	-----	2
Total					18

Level 4					
Symbol	Course	Credit hours		Prerequisite	Total credit hours
		Theoretical	Practical		
PHCH 212	Pharmaceutical Organic Chemistry-2	2	1	PHCH 211	3
PHCU 213	Pharmaceutical Anal. Chemistry-1	2	1	-----	3
PHCP 251	Introduction to Pharmacy Profession	1	-----	-----	1
PHYS 283	Physiology-2	2	1	PHYS 282	2
BICH 285	Biochemistry-2	2	1	BICH 284	3
PHCP 252	Computer in Pharmaceutical Services	1	1	-----	2
ISLM 112	Islamic Culture- 2	2	-----	-----	2
ARB 202	Arabic Language- 2	2	-----	-----	2
Total					18
Third year					
Level 5					
Symbol	Course	Credit hours		Prerequisite	Total credit hours
		Theoretical	Practical		
PHCH 314	Pharmaceutical Analytical Chemistry-2	2	1	PHCU 213	3
PHGN 321	Pharmacognosy-1	2	1		3
MICR 386	Immunology	1	1		2
MICR 387	Pharmaceutical Microbiology- 1	2	1		3
PATH 389	Pathology- 1	2	1	PHYS 283	3
PHCL 341	Biostatistics	1	1		2
ISLM 113	Islamic Culture- 3	2	-----		2
Total					18
Level 6					
Symbol	Course	Credit hours		Prerequisite	Total credit hours
		Theoretical	Practical		
PHCU 332	Pharmaceutics- 1	2	1	PHCU 231	3
PHGN 322	Pharmacognosy-2	2	1	PHGN 321	3
PHCL 342	Pharmacology- 1	2	1	PHYS 283	3
MICR 388	Pharmaceutical Microbiology- 2	2	1	MICR 387	3
PATH 390	Pathology- 2	2	1	PATH 389	3

PHCH 315	Drug Discovery and Development	1	-----	PHCH 212	1
ISLM 114	Islamic Culture- 4	2	-----	-----	2
Total					18

Forth year

Level 7

Symbol	Course	Credit hours		Prerequisite	Total credit hours
		Theoretical	Practical		
PHCH 416	Medicinal Chemistry-1	2	1	PHCH 212	3
PHCU 433	Pharmaceutics- 2	2	1	PHCU 332	3
PHCL 443	Pharmacology- 2	2	1	PHCL 342	3
PHGN 423	Pharmaceutical Biotechnology	2	1	PHGN 322	3
PHCP 453	Basic Pharmacokinetics	2	1	-----	3
PHCP 454	Pharmacy practice- 1	2	-----	PHCP 251	2
Total					17

Level 8

Symbol	Course	Credit hours		Prerequisite	Total credit hours
		Theoretical	Practical		
PHCH 417	Medicinal Chemistry-2	2	1	PHCH 416	3
PHCL 445	Toxicology	2	1	PHCL 443	3
PHCL 444	Pharmacology- 3	2	1	PHCL 443	3
PHCP 457	Pharmacotherapy-1	2	1	PHCL 443	3
PHCP 456	Clinical Skills for Pharmacists	1	1	-----	2
PHCP 455	Pharmacy practice- 2	2	-----	PHCP 454	2
Total					16

Fifth year

Level 9

Symbol	Course	Credit hours		Prerequisite	Total credit hours
		Theoretical	Practical		
PHCH 518	Medicinal Chemistry-3	2	-----	PHCH 417	2
PHGN 524	Recent Approaches in Analysis of Medicinal Plants	2	-----	PHGN 322	2
PHCU 534	Pharmaceutics- 3	2	1	PHCU 433	3

PHCU 535	Industrial Pharmacy	2	1	PHCU 433	3
PHCP 558	Pharmacotherapy-2	2	1	PHCP 457	3
PHCP 559	Drug and Poison information	1	1	PHCL 444	2
PHCP 560	Regulations, Ethics of Pharmacy	1	-----	PHCP 454	1
Total					16

Level 10					
Symbol	Course	Credit hours		Prerequisite	Total credit hours
		Theoretical	Practical		
PHCU 536	Sterile Dosage Forms	2	-----	PHCU 535	2
PHCU 537	Pharmaceutical Quality Control and good Manufacturing Practice	2	-----	PHCU 534	2
PHCU 538	Over the Counter Drugs	2	1	PHCU 534	3
PHCU 539	Cosmetic Preparations	2	-----	PHCU 534	3
PHCH 519	Instrumental Analysis of Pharmaceutical Compounds	2	1	PHCH 518	3
PHGN 525	Herbal and Alternative Medicine	1	1	PHGN 524	2
PHCP 561	Pharmaceutical Marketing	1	-----	PHCP 454	1
Total					16

Mandatory pharmaceutical training:

Level: Mandatory pharmaceutical training	
PHTR 501	Pharmaceutical training (960 training hours)