



وكالة كلية الصيدلة للشئون الأكاديمية

# DOCTOR OF PHARMACY CURRICULUM (EFFECTIVE AUGUST, 2019)



## FIRST YEAR

Code	Course Title	Contact Hours		Credit Hours	Prerequisite
		Theory	Practical		
<b>181-ENG</b>	English Language for Health Specialties	12	-	4	-
<b>101-ISLM</b>	Islamic Culture 1	2	-	2	-
<b>102-ARA</b>	Arabic Writing	2	-	2	-
<b>105-PHYS</b>	Physics for Health Specialties	12	4	4	<b>181-ENG</b>
<b>182-ENG</b>	English for Health Specialization 2	3	2	4	<b>181-ENG</b>
<b>183-ENG</b>	English for Health Specialization 3	6	3	3	<b>182-ENG</b>
<b>CHEM 105-4</b>	Chemistry for Health Specialties	3	2	4	<b>182-ENG</b>
<b>BIO 105-4</b>	Biology for Health Specialties	3	2	4	<b>182-ENG</b>
<b>Total</b>		<b>43</b>	<b>13</b>	<b>27</b>	

**ARA: Arabic; ISLM: Islamic; ENG: English; PHYS: Physics; CHEM: Chemistry; BIO: Biology**

**Note: Subjects in the first year are prerequisites to all the following years**



**Clinical Pharmacy**  
**PHCL**

**Pharmacology**  
**PHL**

**Pharmacognocny**  
**PHG**

**Pharmaceutics**  
**PHT**

**Pharmaceutical  
Chemistry**  
**PHC**



## SECOND YEAR

Code	Course Title	Contact Hours		Credit Hours	Prerequisite
		Theory	Practical		
221-PHC	Pharmaceutical Chemistry-1	2	3	2+1= 3	<b>First Year</b>
231-PHL	Anatomy & Physiology – I	3	2	3+1= 4	
242-PHCL	Medical and Pharmaceutical Terminology	2	0	2	
102-ISLM	Islamic Culture 2	2	0	2	
212-PHT	Microbiology – I	2	2	2+1= 3	–
211-PHT	Pharmaceutical Calculation and Mathematics	2	2	2+1= 3	–
232-PHL	Anatomy & Physiology – II	3	2	3+1= 4	<b>231 PHL</b>
201-HLT	Biochemistry I	2	0	2	
222-PHC	Pharmaceutical Analysis	2	3	2+1= 3	
213-PHT	Pharmaceutics – I	2	2	2+1 = 3	<b>211-PHT</b>
224 PHCL	Introduction to Pharmacy and health care system	2		2	
243-PHCL	Pharmacy Practice Skills -I (Communication Skills & Professionalism)	–	2	1	
233-PHL	Biochemistry - II	2	2	2+1=3	<b>201-HLT</b>
<b>Total</b>		<b>26</b>	<b>20</b>	<b>35</b>	



## THIRD YEAR

Code	Course Title	Contact Hours		Credit Hours	Prerequisite
		Theory	Practical		
344-PHCL	Pathology and Histology	2	0	2	–
312-PHT	Pharmaceutics – II	2	2	2+1 = 3	213-PHT
323-PHC	Drug Discovery & Development	1	0	1	–
313-PHT	Immunology	2	2	2+1 = 3	–
361-PHG	Natural Products & Dietary Supplements I	2	2	2+1 = 3	–
331-PHL	Pharmacology – I	2	2	2+1 = 3	231 & 232-PHL
311-PHT	Microbiology – II	2	2	2+1 = 3	212-PHT
341-PHCL	Pharmacy Practice Skills-II	0	2	1	–
321-PHC	Pharmaceutical Chemistry – II	2	3	2+1 = 3	221-PHC
362-PHG	Natural Products & Dietary Supplements II	2	0	2	361-PHG
332-PHL	Pharmacology – II	2	2	2+1 = 3	331-PHL
342-PHCL	Basic Life Support /First Aid	2	0	2	–
343-PHCL	Pharmacy Practice Skills – III (Patient Assessment & General Therapeutics)	0	2	1	–
314-PHT	Pharmaceutics – III	2	2	2+1 = 3	213-PHT
345 PHCL	IPPE (Community Pharmacy)		3	3	
322-PHC	Pharmaceutical Chemistry -III	2	3	2+1 = 3	321-PHC
<b>Total</b>		<b>25</b>	<b>27</b>	<b>36</b>	



# THIRD YEAR



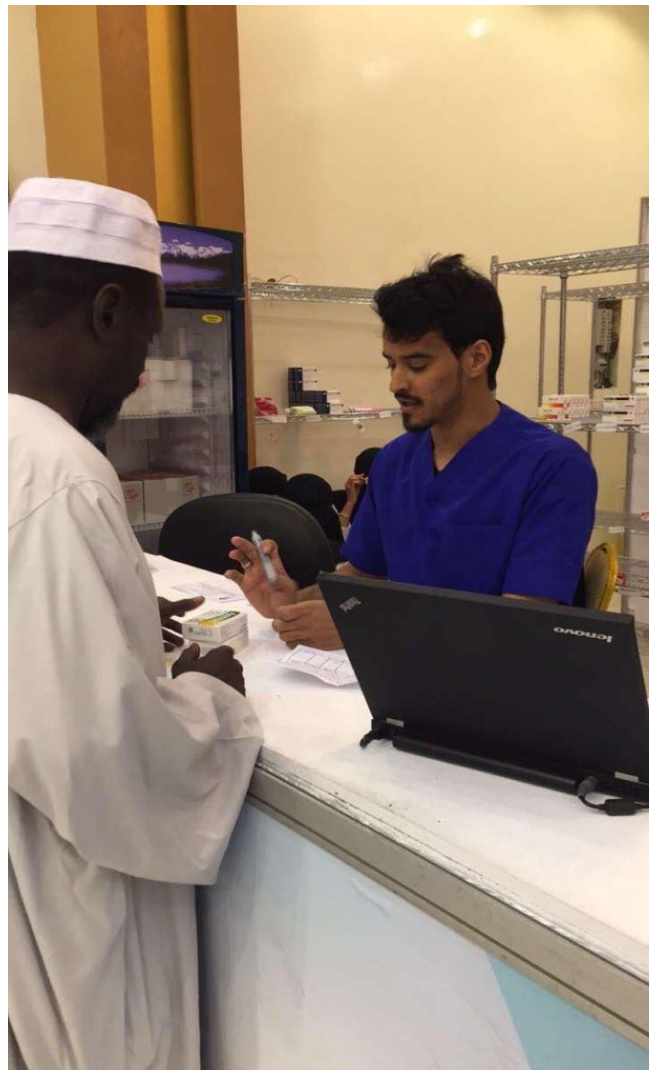


## FOURTH YEAR

Code	Course Title	Contact Hours		Credit Hours	Prerequisite
		Theory	Practical		
411-PHT	Biopharmaceutics & Pharmacokinetics	2	2	2+1 = 3	–
431-PHL	Molecular Biology & Pharmacogenomics	2	–	2	–
432-PHL	Pharmacology – III	2	2	2+1 = 3	331-PHL
441-PHCL	Biostatistics & Research Design	3	0	3	–
443-PHCL	Pharmacy Practice Skills-IV (Drug Information II & Literature Evaluation)	0	2	1	–
412-PHT	Pharmaceutics-IV	2	2	2+1 = 3	–
434-PHL	Molecular Pharmacology	2	–	2	–
442-PHCL	Pathophysiology & Pharmacotherapy – I	4	0	4	344-PHCL 332-PHL
421-PHC	Pharmaceutical Chemistry -IV	2	–	2	321-PHC
446-PHCL	Pharmacy Regulation & Ethics	1	-	1	
433-PHL	Pharmacology – IV	2	-	2	331-PHL
444-PHCL	Pathophysiology & Pharmacotherapy – II	4	0	4	344-PHCL 432-PHL
445-PHCL	Pharmacy Practice Skills- V (Therapeutic Drug Monitoring)	0	2	1	411-PHT
413-PHT	Pharmaceutical Biotechnology	2	2	2+1 = 3	–
447 PHCL	IPPE (Institutional Pharmacy)		3	3	
<b>Total</b>		<b>28</b>	<b>15</b>	<b>37</b>	



# FOURTH YEAR





## FIFTH YEAR

Code	Course Title	Contact Hours		Credit Hours	Prerequisite
		Theory	Practical		
531-PHL	Pharmacology- V	3	–	3	331-PHL
541-PHCL	Self-Care Pharmacotherapy	2	–	2	–
542-PHCL	Pharmacy Practice Skills – VI (MTM, Community pharmacy skills)	0	2	1	–
543-PHCL	Pharmacy Practice Management	2	–	2	–
544-PHCL	Pathophysiology & Pharmacotherapy-III	4	–	4	344-PHCL 433-PHL
545-PHCL	Pharmacoepidemiology & Medication Safety	2	–	2	–
547-PHCL	Public Health & Social Pharmacy	2	–	2	–
548-PHCL	Pharmacy Practice Skills – VII (Intoxication & Poisoning Management Skills)	-	2	1	–
549-PHCL	Pharmacotherapy of Special Populations	2	2	2+1 = 3	–
546-PHCL	Pharmacy Research Project	–	2	1	–
532-PHL	Toxicology & drug abuse	2	0	2	–
550-PHCL	Clinical Nutrition	2	–	2	412-PHT
551-PHCL	Pathophysiology & Pharmacotherapy-IV	4	–	4	344-PHCL 531-PHL
552-PHCL	Pharmacoeconomics & Outcome Research	2	–	2	–
553-PHCL	Seminars in Pharmacy	–	3	1	546-PHCL
<b>Total</b>		<b>29</b>	<b>11</b>	<b>34</b>	

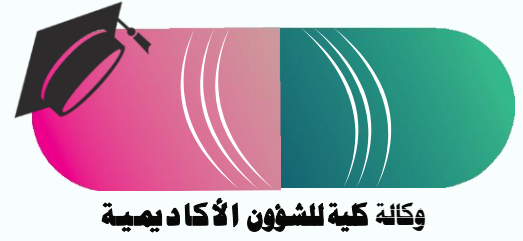


## SIXTH YEAR

No.	Internship Title	Code	Contact hours			Credit Hours	Duration (Weeks)
			Theory	Practical	Training/ week		
1	APPE-1	PHCL-651	0	0	40	4	6
	Advanced Community pharmacy						
2	APPE-2	PHCL-652	0	0	40	4	6
	Advanced Hospital pharmacy						
3	APPE-3	PHCL-653	0	0	40	4	6
	Ambulatory care						
4	APPE-4 Inpatient general medicine-1	PHCL-654	0	0	40	4	6
5	APPE-5	PHCL-655	0	0	40	4	6
	Inpatient general medicine-2						
6	APPE-6	PHCL-656	0	0	40	4	6
	(Elective-1)						
7	APPE-7	PHCL-657	0	0	40	4	6
	(Elective-2)						
8	APPE-8	PHCL-658	0	0	40	4	6
	Research Practice Experience						
<b>Total</b>			<b>0</b>	<b>0</b>	<b>1920 Hours</b>	<b>32</b>	<b>48</b>

**APPE: Advanced Pharmacy Practice Experience**

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