

Advising Plan/Pharmacy

2022/2023

First Year							
First Semester				Second Semester			
Course No.	Course	Credit hours	Pre req.	Course No.	Course	Credit hours	Pre req.
0216122	Mathematics and biostatistics	3	—	0510120	Pharmaceutical Organic Chemistry (1)	3	0216145
0216145	General Chemistry for Health Science	3	—	0521122	Anatomy and Physiology (1)	3	0216155
0216155	General Biology for Health Science	3	—	0521123	Pharmaceutical Analytical Chemistry	2	0216145
	University Compulsory	3		0510123	Pharmaceutical Analytical Chemistry-Lab	1	Co-req 0521123
	University Compulsory	3		0116107	English Language Skills (1)	3	0116098
				0116103	Arabic Language Skills	3	0116099
					Note: The student should register the remedial course of computer skills (0216099) in case he failed Placement examination in computer skills		
Total = 15				Total = 15			

Second Year

First Semester				Second Semester			
Course No.	Course	Credit hours	Pre req.	Course No.	Course	Credit hours	Pre req.
0521211	Pharmaceutical Organic Chemistry (2)	2	0510120	0510220	Pharmaceutical Biochemistry	3	0521211
0510205	Pharmaceutical Organic Chemistry-Lab	1	Co-req 0521211	0510221	Pharmacognosy and Phytochemistry	3	0521211
0510206	Pharmaceutical Instrumental Analysis	3	0521123	0510222	Pharmacognosy and Phytochemistry-Lab	1	Co-req 0510221
0510207	Pharmaceutical Instrumental Analysis-Lab	1	Co-req 0510206	0520303	Pharmaceutics (1)	3	0520224
0521215	Anatomy and Physiology (2)	2	0521122	0520300	Pathophysiology	3	0521215
0520224	Physical Pharmacy	3	0216099+0216122		University Compulsory	3	
0116108	English Language Skills (2)	3	0116107				
Total = 15				Total = 16			

Third Year

First Semester				Second Semester			
Course No.	Course	Credit hours	Pre req.	Course No.	Course	Credit hours	Pre req.
0510310	Pharmaceutical Medicinal Chemistry (1)	3	0521211	0521321	Pharmaceutical Medicinal Chemistry (2)	2	0510310
0520322	Pharmaceutics (2)	3	0520303	0520430	Cosmetics	2	0520322
0520324	Pharmaceutics - Lab	1	Co-req 0520322	0521323	Pharmacology (2)	3	0521314
0521314	Pharmacology (1)	3	0520300	0520325	Pharmaceutical Microbiology	2	0520301
0520301	Microbiology and Immunology	3	0510220	0510415	Clinical Biochemistry	3	0510220
0520302	Microbiology and Immunology - Lab	1	Co-req 0520301	0510416	Clinical Biochemistry - Lab	1	Co-req 0510415
	University Compulsory	3			University Compulsory	3	
Total = 17				Total = 16			

Forth Year

First Semester

Second Semester

Course No.	Course	Credit hours	Pre req.	Course No.	Course	Credit hours	Pre req.
0521411	Pharmaceutical Medicinal Chemistry (3)	2	0521321	0520431	Biopharmaceutics and Pharmacokinetics	3	0521323
0521412	Pharmaceutical Medicinal Chemistry-Lab	1	Co-req 0521411	0521422	Clinical Nutrition	1	0521416
0521413	Advanced Pharmacology and Toxicology	3	0521323	0521423	Clinical Pharmacy and Therapeutics (1)	3	0521323
0520420	Industrial Pharmacy	3	0520322	0521424	Pharmaceutical Technology	2	0520420
0520515	Pharmaceutical Communication Skills	1	0521314	0520425	Pharmaceutical Technology – Lab	1	Co-req 0521424
0521416	Over-the- Counter (OTC) Medications	1	0521323	0521426	Pharmacy Practice (1)	1	0521323
0521417	Pharmacy Training I	3	0521314 and passing 90 credit hours	0520514	Pharmaceutical Ethics and Legislations	1	0521413
	University Compulsory	3			Elective Course	3	
Total = 17				Total = 15			

Fifth Year

First Semester				Second Semester			
Course No.	Course	Credit hours	Pre req.	Course No.	Course	Credit hours	Pre req.
0521511	Phytotherapy	2	0521323	0521521	Clinical Pharmacy and Therapeutics (3)	3	0521423 and\ 0521413
0521512	Clinical Pharmacy and Therapeutics (2)	3	0521423	0521522	Clinical Cases - Lab	1	Co-req 0521521
0521513	Pharmacoeconomics	1	0521413	0521523	Evidence Based Practice	3	0521512
0510513	Pharmaceutical Biotechnology	3	0510415	0521524	Pharmaceutical Marketing	3	0521513
0521515	Pharmacy Practice (2)	1	0521426	0520516	Clinical Pharmacokinetics	2	0520431
0521516	Automation and informatics of health care and pharmacy	1	0521413	0520517	Clinical Applications in Pharmacokinetics – Lab	1	Co-req 0520516
0521517	Pharmacy Training II	3	0521417	0521527	Regulatory affairs	1	0521424
	Elective Course	3			Elective Course	3	
Total = 17				Total = 17			