



University of Petra

Faculty of Pharmacy

Pharmacy Program

University Requirements (21 Hours)			
Course	Course Name	Hours	Prerequisite
601101	Computer Skills 1	3	----
601102	Computer Skills 2	3	601101
401101	Arabic Language (1)	3	----
400111	National Education	3	
402101	English Language (1)	3	----
402102	English Language (2)	3	402101
900101	Military Sciences	3	----
University Elective (6 Hours)			
Course	Course Name	Hours	Prerequisite
100105	Science and Life	3	----
203101	Introduction to Fine Arts	3	----
301105	Laws in our life	3	----
303103	Accounting for Non-Accountants	3	----
400101	Arabic and Islamic Civilization	3	----
400105	Current Affairs	3	----
400106	Palestinian cause	3	----
402102	Arabic Language (2)	3	401101
404100	Environmental Education	3	----
407101	Introduction to Sociology	3	----
409101	Principles of Communication	3	----
501101	First Aid	3	----
Faculty Requirements (28 Hours)			
Course	Course Name	Hours	Prerequisite
101103	General Chemistry	3	----
101103L	Chemistry Lab.	1	----
104103	General Physics for Medical Sciences	3	-----
503101	Biology 1	3	----
503102	Biology 2	3	503101
105103L	Biology Lab.	1	503102
103101	Calculus 1	3	----
103333	Biostatistics	2	103101
101115	Organic Chemistry for Medical Students	3	101103
501241	Analytical Chemistry	3	101103
502211	Biochemistry 1	3	101115
Department Requirements (98 Hours)			
Course	Course Name	Hours	Prerequisite
501242	Physical Pharmacy 1	2	101103
501211	Pharmaceutical Organic Chemistry	3+1	101115
501256	Pharmacognosy	2	503102
502212	Biochemistry 2	2+1	502211
501311	Medicinal Chemistry 1	3	501211
501312	Medicinal Chemistry 2	3	501311
501317	Phytochemistry 1	2	501211+501256
501321	Pharmacy Ethics & Jurisprudence	2	Third year
501341	Physical Pharmacy 2	2+1	501242
501342	Pharmaceutical Dosage Forms and compounding	3+1	501341
501351	Pharmacology (1)	3	502236

Department Requirements (98 Hours)			
Course	Course Name	Hours	Prerequisite3
501413	Instrumental Analysis	2+1	501241
502235	Anatomy & Histology	2+1	503102
502236	Physiology	3+1	502235
502225	Microbiology 1	2+1	503102
502346	Microbiology 2	2	502225
501415	Medicinal Chemistry 3	3	501312
501445	Non-Prescription Drugs	3	501352+ 501346
501414	Phytochemistry 2	2+1	501317
501442	BioPharmacy	2	501346
501443	Pharmacokinetics	2+1	501442
501352	Pharmacology 2	3	501351
501525	Drug Delivery Systems	2	501421
501444	Pharmaceutical Microbiology	3	501346+ 502346
502318	Pathophysiology	3	502236
502435	Clinical Biochemistry	3	502314+ 502212
502445	Pathology & Immunology	2	502346+ 502318
501421	Industrial Pharmacy	3+1	501346
501452	Pharmacology (3)	2	501451
501524	Communication skills in Pharmacy	2	90 Ch
501531	Toxicology	3	501452
501526	Clinical Pharmacy 1	3	501452
501527	Clinical Pharmacy 2	3	501521
501528	Research Project	2	135 Ch
501513	Pharmaceutical Marketing	3	120 Ch
Departmental Electives (9 Hours)			
Course	Course Name	Hours	Prerequisite
501560	Selected topics in Pharmacology	3	501452
501561	Clinical Pharmacokinetics	2+1	501443
501562	Drug Information Systems	3	501352
501563	Quality Assurance of Drugs	3	501421
501569	Cosmetics	3	501346
501570	Herbal Medicine	3	501414
501572	Advanced Industrial Pharmacy	3	501421
501574	Pharmaceutical Care	3	501526
501575	Clinical Nutrition	3	502435
501584	Methods of Drug Design	3	501312
501585	Pharmaceutical Analysis	2+1	501413
501586	Selected Topics in Pharmacy	3	135 ch
501587	Radio Pharmaceuticals	3	135 Ch
501591	Biotechnology	3	135 Ch
Free Elective			
Course	Course Name	Hours	Prerequisite
----	Free elective (3 hours)	3	----