



Course No.	Course Title	Credit Hours	Prerequisite	Total	
University Requirements (27 Hours)					
University Compulsory Requirements (12 Hours)					
9400100	National Education	3		12	
9400109	Military Sciences	3			
9400111	Arabic Language(1)	3	9401099 / P.T		
9400121	English Language(1)	3	9402099 / P.T		
University Elective Requirements (15 Hours)					
University Elective Requirements (Humanities) (6 Hours)					
9400101	Arab & Islamic Civilization	3		6	
9400102	Civilization & Thought	3			
9400112	Arabic Language(2)	3	9400111		
9400122	English Language(2)	3	9400121		
9400191	Principles of Communication	3			
9700102	Human Rights	3			
University Elective Requirements (Social & Economic Sciences) (3 Hours)					
9300112	Fundamentals of Economics	3		3	
9400104	Political Sciences	3			
9400105	Contemporary Issues	3			
9400131	Palestinian Cause	3			
9400171	Introduction to Sociology	3			
University Elective Requirements (Science, Technology, Agriculture & Health) (6 Hours)					
9100101	Science & Life	3		6	
9400140	Sports & Health	3			
9400151	Ecology	3			
9500101	First Aid	3			
9500111	Food and Nutrition in Our Life	3			
9600101	Computer Skills	3	9601099 / P.T		
Faculty Compulsory Requirements (28 Hours)					
101103	General Chemistry	3		28	
101108	General Chemistry Lab.	1	101103/ Concurrent		
101115	Organic Chemistry for Medical Sciences	3	101103 or 101102		
103101	Calculus (1)	3			
103333	Biostatistics	2	103101		
104103	General Physics for Medical Sciences	3			
501241	Analytical Chemistry for Medical Sciences	3	101103		
502211	Biochemistry (1)	3	101115		
503101	Biology (1)	3			
503102	Biology (2)	3	503101		
503103	Biology Lab	1	503102		
Department Compulsory Requirements (98 Hours)					
501211	Pharmaceutical Organic Chemistry	4	101115		98
501242	Physical Pharmacy (1)	2	101103		
501256	Pharmacognosy	2	503102		
501311	Medicinal Chemistry (1)	3	501211		
501312	Medicinal Chemistry (2)	3	501311		
501317	Phytochemistry (1)	2	501211		
501321	Pharmacy Ethics & Jurisprudence	2	Second Year		
501345	Physical Pharmacy (2)	3	501242		
501346	Pharmaceutical Dosage Forms Compounding & Calculations	4	501345		
501351	Pharmacology (1)	3	502236		
501352	Pharmacology (2)	3	501351		
501413	Instrumental Analysis	3	501241		
501414	Phytochemistry (2)	3	501317		
501415	Medicinal Chemistry (3)	3	501312		
501421	Industrial Pharmacy	4	501346		
501442	BioPharmacy	2	501346		
501443	Pharmacokinetics	3	501442		
501444	Pharmaceutical Microbiology	3	502346+501346		
501445	Non-Prescription Drugs	3	501352+501346		
501452	Pharmacology (3)	2	501352		
501513	Pharmaceutical Marketing	3	Third Year		
501524	Communication Skills in Pharmacy	2	Third Year		
501525	Drug Delivery Systems	2	501421		
501526	Clinical Pharmacy (1)	3	501452		
501527	Clinical Pharmacy (2)	3	501526		
501528	Research Project	2	Dept. Approval		
501531	Toxicology	3	501452		
502212	Biochemistry (2)	3	502211		
502225	Microbiology (1)	3	503102		
502235	Anatomy & Histology	3	503102		
502236	Physiology	4	502235		
502318	Pathophysiology	3	502236		
502346	Microbiology (2)	2	502225		
502435	Clinical Biochemistry	3	502318+502212		
502445	Pathology & Immunology	2	502318+502346		
Department Elective Requirements (9 Hours)					
501560	Selected Topics in Pharmacology	3	501452	9	
501561	Clinical Pharmacokinetics	3	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 Practice	3	501526		
501575	Clinical Nutrition	3	502435		
501584	Methods of Drug Design	3	501312		
501585	Pharmaceutical Analysis	3	501413		
501586	Selected Topics in Pharmacy	3	Dept. Approval		
501587	Radio Pharmaceuticals	3	Dept. Approval		
501591	Biotechnology	3	Dept. Approval		
Free Requirements (3 Hours)					
xxxxxx		3		3	
Total Hours				165	