

Study Plan for the Bachelor of Pharmacy Degree

First Year

First Semester

Course No.	Course Title	Weekly Hours (Lect.)	Weekly Hours (Pract.)	Prerequisite	Credit Hours
101103	General Chemistry	3	-	-	3
101108	General Chemistry - Practical	-	3	Co-requisite 101103	1
503107	Biology	2	-	-	2
503108	Biology - Practical	-	3	Co-requisite 503107	1
103101	Calculus (1)	3	-	-	3
9400121	English Language (1)	3	-	9402099	3
-	University Elective Requirement (1)	3	-	-	3
Total		14	6	-	16

Second Semester

Course No.	Course Title	Weekly Hours (Lect.)	Weekly Hours (Pract.)	Prerequisite	Credit Hours
101115	Organic Chemistry for Medical Sciences	3	-	101103	3
503109	Human Biology	3	-	503107 + 503108	3
9400111	Arabic Language (1)	3	-	9401099	3
103333	Biostatistics	2	-	103101	2
104103	General Physics for Medical Sciences	3	-	-	3
-	University Elective Requirement (2)	3	-	-	3
Total		17	-	-	17

Second Year

First Semester

Course No.	Course Title	Weekly Hours (Lect.)	Weekly Hours (Pract.)	Prerequisite	Credit Hours
502211	Biochemistry (1)	3	-	101115	3
501256	Pharmacognosy	2	-	503109	2
501213	Pharmaceutical Organic Chemistry	3	-	101115	3
501214	Pharmaceutical Organic Chemistry - Practical	-	3	Co-requisite 501213	1
502237	Physiology (1)	3	-	503109	3
501242	Physical Pharmacy (1)	2	-	101115	2
502240	Anatomy and Histology	2	-	503109	2
Total		15	3	-	16

Second Semester

Course No.	Course Title	Weekly Hours (Lect.)	Weekly Hours (Pract.)	Prerequisite	Credit Hours
502215	Biochemistry (2)	2	-	502211	2
502216	Biochemistry - Practical	-	3	Co-requisite 502215	1
502238	Physiology (2)	2	-	502240 + 502237	2
502239	Physiology - Practical	-	3	Co-requisite 502238	1
501317	Phytochemistry (1)	2	-	501256 + 501213	2
501347	Physical Pharmacy (2)	2	-	501242	2
501348	Physical Pharmacy - Practical	-	3	Co-requisite 501347	1
501321	Pharmacy Ethics and Jurisprudence	2	-	Passing 30 Credit Hours	2
501243	Analytical Chemistry for Medical Sciences	2	-	501213 + 501214	2
501244	Analytical Chemistry for Medical Sciences - Practical	-	3	Co-requisite 501243	1
Total		12	12	-	16

Third Year

First Semester

Course No.	Course Title	Weekly Hours (Lect.)	Weekly Hours (Pract.)	Prerequisite	Credit Hours
501311	Medicinal Chemistry (1)	3	-	501213 + 501214	3
501419	Phytochemistry (2)	2	-	501317	2
501420	Phytochemistry - Practical	-	3	Co-requisite 501419	1
501351	Pharmacology (1)	3	-	502238 + 502239	3
502445	Pathology and Immunology	2	-	502238 + 502239	2
502318	Pathophysiology	3	-	502238 + 502239	3
-	University Elective Requirement (3)	3	-	-	3
Total		16	3	-	17

Second Semester

Course No.	Course Title	Weekly Hours (Lect.)	Weekly Hours (Pract.)	Prerequisite	Credit Hours
501312	Medicinal Chemistry (2)	3	-	501311	3
501352	Pharmacology (2)	3	-	501351	3
502226	Microbiology	3	-	502445	3
502227	Microbiology - Practical	-	3	Co-requisite 502226	1
501353	Pharmaceutical Dosage Forms, Compounding and Calculations	3	-	501347 + 501348	3
501354	Pharmaceutical Dosage Forms, Compounding and Calculations - Practical	-	3	Co-requisite 501353	1
-	Free University Elective	3	-	-	3
Total		15	6	-	17

Fourth Year

First Semester

Course No.	Course Title	Weekly Hours (Lect.)	Weekly Hours (Pract.)	Prerequisite	Credit Hours
501526	Clinical Pharmacy (1)	3	-	501352	3
501445	Non-Prescription Drugs	3	-	501352 + 501353 + 501354	3
501442	Biopharmacy	2	-	501353 + 501354	2
501452	Pharmacology (3)	2	-	501352	2
502436	Clinical Biochemistry	3	-	502318 + 502215 + 502216	3
501417	Instrumental Analysis	2	-	501243 + 501244	2
501418	Instrumental Analysis - Practical	-	3	Co-requisite 501417	1
Total		15	3	-	16

Second Semester

Course No.	Course Title	Weekly Hours (Lect.)	Weekly Hours (Pract.)	Prerequisite	Credit Hours
501527	Clinical Pharmacy (2)	3	-	501526	3
501443	Pharmacokinetics	2	2	501442	2 + 1
501415	Medicinal Chemistry (3)	3	-	501312	3
501444	Pharmaceutical Microbiology	3	-	502226 + 501353 + 501354 + 502227	3
-	Department Elective Requirements (1)	3	-	Passing 30 Credit Hours	3
Total		14	2	-	15

Summer Semester

Course No.	Course Title	Weekly Hours (Practical)	Prerequisite	Credit Hours
501498	Pharmaceutical Field Training	40	501527 + 501445 + Passing 120 Credit Hours	2

Fifth Year

First Semester

Course No.	Course Title	Weekly Hours (Lect.)	Weekly Hours (Pract.)	Prerequisite	Credit Hours
501525	Drug Delivery Systems	2	-	501353 + 501354 + 501443	2
501529	Pharmacy Practice	3	-	501527	3
501532	Industrial Pharmacy	3	-	501353 + 501354 + 501443	3
501533	Industrial Pharmacy - Practical	-	3	Co-requisite 501532	1
501531	Toxicology	2	-	501452	2
501514	Pharmaceutical Marketing and Pharmacoeconomics	3	-	Passing 120 Credit Hours	3
9400109	Military Sciences	3	-	-	3
Total		16	3		17

Second Semester

Course No.	Course Title	Weekly Hours (Lect.)	Weekly Hours (Pract.)	Prerequisite	Credit Hours
501530	Integrated Pharmacy	2	2	501529	2 + 1
501599	Graduation Project	2	-	Passing 135 Credit Hours	2
-	Department Elective Requirements (2)	3	-	Passing 100 Credit Hours	3
9400100	National Education	3	-	-	3
-	Department Elective Requirement (3)	3	-	Passing 100 Credit Hours	3
-	University Elective Requirement (4)	3	-	-	3
Total		16	2		17

Department Elective Requirements

Course No.	Course Title	Weekly Hours (Lect.)	Weekly Hours (Pract.)	Prerequisite	Credit Hours
501560	Selected Topics in Pharmacology	3	-	Passing 100 Credit Hours	3
501561	Clinical Pharmacokinetics	3	-	Passing 100 Credit Hours	3
501562	Drug Information Systems	3	-	Passing 100 Credit Hours	3
501563	Quality Assurance of Drugs	3	-	Passing 100 Credit Hours	3
501569	Cosmetics	3	-	Passing 100 Credit Hours	3
501570	Herbal Medicine	3	-	Passing 100 Credit Hours	3
501584	Methods of Drug Design	3	-	Passing 100 Credit Hours	3
501585	Pharmaceutical Analysis	3	-	Passing 100 Credit Hours	3
501586	Selected Topics in Pharmacy	3	-	Passing 100 Credit Hours	3
501591	Biotechnology	3	-	Passing 100 Credit Hours	3
501592	Research Methodology and Presentation Skills	3	-	Passing 30 Credit Hours	3
501593	Gene and Protein Therapy	3	-	Passing 100 Credit Hours	3
501594	Advanced Pharmaceutical Technology	3	-	Passing 100 Credit Hours	3
501595	Nuclear Pharmacy and Radiation Technology	3	-	Passing 100 Credit Hours	3
501596	Communication Skills in Pharmacy	3	-	Passing 100 Credit Hours	3