



الخطة الدراسية

Program Curriculum

Table (1)

Semester (1)

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam. Hours
		Lect.	Pract./Tut	Total		Period.	Pract./Tut.	Wr.	Oral		
Pharmaceutical Analytical Chemistry I	PA 101	2	1	3	Registration	20	40	75	15	150	2
Pharmaceutical Organic Chemistry I	PC 101	2	1	3	Registration	20	40	75	15	150	2
Pharmacy Orientation	PT 101	1	-	1	Registration	10	--	40	--	50	1
Medicinal Plants	PG 101	2	1	3	Registration	20	40	75	15	150	2
Medical Terminology	MD 101	1	-	1	Registration	10	--	40	--	50	1
Anatomy	MD 102	1	1	2	Registration	15	25	50	10	100	1
Information Technology and Scientific writing	NP 101	1	1	2	Registration	15	25	60	---	100	1
Mathematics	NP 102	1	---	1	Registration	10	--	40	--	50	1
Quality Orientation (متطلب جامعه)	NP 103	1	-	1	(متطلب جامعه) Registration	5	--	15	--	20	1
Total		11	5	16						800	

Lect. = Lecture

Period. = Periodical

Pract./ Tut. = Practical / Tutorial

Wr. = Written

Table (2)

Semester (2)

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam. Hours
		Lect.	Pract./Tut	Total		Period.	Pract./Tut.	Wr.	Oral		
Pharmaceutical Analytical Chemistry II	PA 202	2	1	3	Pharmaceutical Analytical Chemistry I	20	40	75	15	150	2
Pharmaceutical Organic Chemistry II	PC 202	2	1	3	Pharmaceutical Organic Chemistry-I	20	40	75	15	150	2
Cell Biology	PB 201	1	1	2	Registration	15	25	50	10	100	1
Histology	MD 203	1	1	2	Registration	15	25	50	10	100	1
Physical Pharmacy	PT 202	2	1	3	Registration	20	40	75	15	150	2
Pharmacognosy I	PG 202	2	1	3	Medicinal Plants	20	40	75	15	150	2
Psychology	MD 204	1	-	1	Registration	10	--	40	--	50	1
Human Rights and Fighting Corruption (متطلب جامعه)	NP 204	1	-	1	(متطلب جامعه) Registration	5	--	15	--	20	1
Total		11	6	17						950	

○ *Lect.* = Lecture *Period.* = Periodical *Pract./ Tut.* = Practical / Tutorial *Wr.* = Written

Table (3)

Semester (3)

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam. Hours
		Lect.	Pract./Tut	Total		Period.	Pract./Tut	Wr.	Oral		
General Microbiology	PM 301	2	1	3	Registration	20	40	75	15	150	2
Biochemistry I	PB302	2	1	3	Registration	20	40	75	15	150	2
Pharmacognosy II	PG 303	2	1	3	Medicinal Plants	20	40	75	15	150	2
Instrumental Analysis	PA 303	2	1	3	Registration	20	40	75	15	150	2
Physiology and pathophysiology	MD 305	2	1	3	Registration	20	40	75	15	150	2
Pharmaceutical dosage forms I	PT 303	2	1	3	Physical pharmacy	20	40	75	15	150	2
Total		12	5	18						900	

Lect. = Lecture *Period.* = Periodical *Pract./Tut.* = Practical/ Tutorial *Wr.* = Written

Table (4)

Semester (4)

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam. Hours
		Lect.	Pract./Tut	Total		Period.	Pract./Tut	Wr.	Oral		
Pharmacology –I	PO 401	2	1	3	Physiology and pathophysiology	20	40	75	15	150	2
Pharmaceutical Organic Chemistry-III	PC 403	2	1	3	Pharmaceutical Organic Chemistry-II	20	40	75	15	150	2
Pathology	MD 406	1	1	2	Registration	15	25	50	10	100	1
Pharmaceutical Dosage Forms-II	PT 404	2	1	3	Physical Pharmacy	20	40	75	15	150	2
Biochemistry II	PB 403	2	1	3	Biochemistry I	20	40	75	15	150	2
Parasitology&Virology	PM 402	2	1	3	Registration	20	40	75	15	150	2
Total		11	6	17						850	

Lect. = Lecture *Period.* = Periodical *Pract./Tut*= Practical/ Tutorial *Wr.* = Written

Table (5)

Semester (5)

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam. Hours
		Lect.	Pract./Tut	Total		Period.	Pract./Tut	Wr.	Oral		
Medicinal Chemistry-I	PC 504	2	1	3	Pharmaceutical Organic Chemistry-II	20	40	75	15	150	2
Pharmacology-II	PO 502	2	1	3	Pharmacology I	20	40	75	15	150	2
Pharmaceutical Microbiology and Antimicrobials	PM 503	2	1	3	General Microbiology & Immunology	20	40	75	15	150	2
Pharmaceutical Dosage Forms-III	PT 505	2	1	3	Pharmaceutical Dosage Forms-II	20	40	75	15	150	2
Biopharmaceutics and Pharmacokinetics	PT 506	2	1	3	Registration	20	40	75	15	150	2
Natural products chemistry-I	PG 504	2	1	3	Registration	20	40	75	15	150	2
First Aid and Basic Life Support (BLS)	MD 507	1	-	1	Registration	10	--	40	--	50	1
Total		13	6	19						950	

Lect. = Lecture
 Period. = Periodical
 Pract./Tut = Practical/ tutorial
 Wr. = Written

Table (6)

Semester (6)

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam. Hours
		Lect.	Pract./Tut	Total		Period.	Pract./Tut	Wr.	Oral		
Pharmacology-III	PO 603	2	-	2	Pharmacology-II	15	25	50	10	100	2
Natural products chemistry- II	PG 605	2	1	3	Natural products chemistry- I	20	40	75	15	150	2
Pharmaceutical Technology	PT 607	2	1	3	Registration	20	40	75	15	150	2
Drug Quality Control	PA 604	2	1	3	Instrumental Analysis	20	40	75	15	150	2
Medicinal Chemistry-II	PC 605	2	1	3	Medicinal Chemistry I	20	40	75	15	150	2
Drug Information	PP 601	1	1	2	Pharmacology-II	15	25	60	---	100	1
Hospital Pharmacy	PP 602	1	1	2	Registration	15	25	50	10	100	1
Total		12	6	18						900	

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Table (7)

Semester (7)

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam. Hours
		Lect.	Pract./Tut	Total		Period.	Pract./Tut	Wr.	Oral		
Drug Design	PC 706	2	1	3	Medicinal Chemistry II	20	40	75	15	150	2
Advanced Drug Delivery Systems	PT 708	2	-	2	Registration	25	---	75	---	100	2
Clinical Biochemistry	PB 704	2	1	3	Biochemistry-II	20	40	75	15	150	2
Medical Microbiology and Immunology	PM 704	2	1	3	Pharmaceutical Microbiology	20	40	75	15	150	2
Basic & clinical Toxicology	PO 704	2	1	3	Pharmacology-III	20	40	75	15	150	2
Community Pharmacy Practice	PP 703	1	1	2	Pharmacology-III	15	25	50	10	100	1
Elective course	PE --	1	1	2	Registration	15	25	50	10	100	1
Total		12	6	18						900	

Lect. = Lecture *Period.* = Periodica*Pract./Tut.* = Practical/Tutorial *Wr.* = Written

Table (8)

Semester (8)

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam. Hours
		Lect.	Pract./Tut	Total		Period.	Pract./Tut	Wr.	Oral		
Clinical Pharmacokinetics	PP 804	2	1	3	Biopharmaceutics and Pharmacokinetics	20	40	75	15	150	2
Drug Interactions	PO 805	1	1	2	Pharmacology-III	15	25	50	10	100	1
Clinical Pharmacy Practice	PP 805	1	1	2	Pharmacology-III	15	25	50	10	100	1
Complementary and Alternative Therapy	PG 806	2	1	3	Natural products chemistry- II	20	40	75	15	150	2
Clinical Nutrition	PB 805	1	1	2	Biochemistry-II	15	25	50	10	100	1
Public Health and Preventive Medicine	PM 805	2	--	2	Medical Microbiology	25	---	75	---	100	2
Pharmacy Legislation and practice ethics	NP 805	1	-	1	Registration	10	--	40	--	50	1
Elective Course	PE ---	1	1	2	Registration	15	25	50	10	100	1
Total		11	6	17						850	

Lect. = Lecture *Period.* = Periodical *Pract./Tut.* = Practical/Tutorial *Wr.* = Written

Table (9)

Semester (9)

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam. Hours
		Lect.	Pract./Tut	Total		Period.	Pract./Tut	Wr.	Oral		
Management of Endocrine and Renal Disorders	PP 906	2	1	3	Pharmacology III	20	40	75	15	150	2
Management of Oncological Diseases and Radiopharmacy	PP 907	2	1	3	Pharmacology III	20	40	75	15	150	2
Biotechnology	PM 906	2	1	3	Pharmaceutical Microbiology	20	40	75	15	150	2
Management of Neuropsychiatric Diseases	PP 908	2	1	3	Pharmacology-III	20	40	75	15	150	2
Management of Critical Care Patients	PP 909	1	1	2	Pharmacology-III	15	25	50	10	100	1
Management of Respiratory Diseases	PP 910	1	1	2	Pharmacology-III	15	25	50	10	100	1
Elective Course	PE --	1	1	2	Registration	15	25	50	10	100	1
Total		11	7	18						950	

Lect. = Lecture *Period.* = Periodical *Pract./Tut* = Practical/ Tutorial *Wr.* = Written

Table (10)

Semester (10)

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam. Hours
		Lect.	Pract./Tut	Total		Period.	Pract./Tut	Wr.	Oral		
Management of Pediatric Diseases	PP 011	2	1	3	Pharmacology-III	20	40	75	15	150	2
Management of Cardiovascular Diseases	PP 012	2	1	3	Pharmacology-III	20	40	75	15	150	2
Management of Gastrointestinal Diseases	PP 013	2	1	3	Pharmacology-III	20	40	75	15	150	2
Management of Dermatological, Reproductive and Musculoskeletal Diseases	PP 014	1	1	2	Pharmacology-III	15	25	50	10	100	1
Clinical Research and Pharmacovigilance	PO 006	1	--	1	Drug information	10	--	40	--	50	1
Entrepreneurship and Communication skills	NP 006	1	1	2	Registration	15	25	60	---	100	1
Marketing & Pharmacoeconomics	NP 007	2	--	2	Registration	25	---	75	---	100	2
Elective	PE --	1	1	2	Registration	15	25	50	10	100	1
Total		12	6	18						900	

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