

X



## مرفق 2 (خاص بالمادة رقم 26)

### الخطة الدراسية **Program Curriculum**

#### 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	15	25	50	10	100	2
Pharmaceutical Organic Chemistry I	PC 101	2	1	3	Registration	15	25	50	10	100	2
Anatomy	NP 101	1	1	2	Registration	15	25	60	--	100	1
Medicinal Plants	PG 101	2	1	3	Registration	15	25	50	10	100	2
Medical Terminology	NP 102	1	--	1	Registration	25	--	75	--	100	1
Curriculum & Conduct Orientation	NP 103	1	--	1	Registration	25	--	75	--	100	1
Mathematics	NP 104	1	--	1	Registration	25	--	75	--	100	1
Human Rights and Fighting Corruption	NP 105	1	--	1	Registration	25	--	75	--	100	1
Information Technology	NP 106	1	1	2	Registration	15	25	60	--	100	1
Total		12	5	17						900	

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

X



## 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	15	25	50	10	100	2
Pharmaceutical Organic Chemistry II	PC 202	2	1	3	Pharmaceutical Organic Chemistry I	15	25	50	10	100	2
Cell Biology	PB 201	2	1	3	Registration	15	25	50	10	100	2
Histology	NP 207	1	1	2	Registration	15	25	60	--	100	1
Physical Pharmacy	PT 201	2	1	3	Registration	15	25	50	10	100	2
Pharmacognosy I	PG 202	2	1	3	Medicinal Plants	15	25	50	10	100	2
Psychology	NP 208	1	---	1	Registration	25	--	75	--	100	1
<b>Total</b>		<b>12</b>	<b>6</b>	<b>18</b>						<b>700</b>	

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

X



## 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		
Instrumental Analysis	PA 303	2	1	3	Registration	15	25	50	10	100	2
Pharmaceutical Organic Chemistry III	PC 303	2	1	3	Pharmaceutical Organic Chemistry I	15	25	50	10	100	2
Biochemistry I	PB 302	2	1	3	Registration	15	25	50	10	100	2
Pharmacognosy II	PG 303	2	1	3	Medicinal Plants	15	25	50	10	100	2
Physiology	NP 309	2	1	3	Registration	15	25	50	10	100	2
Pharmaceutical Dosage Forms I	PT 302	2	1	3	Physical Pharmacy	15	25	50	10	100	2
Scientific Writing and Communication Skills	NP 310	1	1	2	Registration	15	25	60	---	100	1
<b>Total</b>		<b>13</b>	<b>7</b>	<b>20</b>						<b>700</b>	

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

X



## 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		
Biochemistry II	PB 403	2	1	3	Biochemistry I	15	25	50	10	100	2
General Microbiology	PM 401	2	1	3	Registration	15	25	50	10	100	2
Pharmacology I	PO 401	2	1	3	Physiology	15	25	50	10	100	2
Pathology	NP 411	2	1	3	Histology	15	25	50	10	100	2
Pharmaceutical Dosage Forms II	PT 403	2	1	3	Physical Pharmacy	15	25	50	10	100	2
Parasitology and Virology	PM 402	2	1	3	Registration	15	25	50	10	100	2
<b>Total</b>		<b>12</b>	<b>6</b>	<b>18</b>						<b>600</b>	

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

X



## 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		
Biopharmaceutics & Pharmacokinetics	PT 504	2	1	3	Pharmaceutical Dosage Forms II	15	25	50	10	100	2
Pharmaceutical Microbiology and Antimicrobials	PM 503	2	1	3	General Microbiology	15	25	50	10	100	2
Phytochemistry I	PG 504	2	1	3	Pharmacognosy II	15	25	50	10	100	2
Pharmaceutical Dosage Forms III	PT 505	2	1	3	Physical Pharmacy	15	25	50	10	100	2
Medicinal Chemistry I	PC 504	2	1	3	Pharmaceutical Organic Chemistry III	15	25	50	10	100	2
Pharmacology II	PO 502	2	1	3	Pharmacology I	15	25	50	10	100	2
First Aids	NP 512	1	--	1	Pharmacology I	25	--	75	--	100	1
<b>Total</b>		<b>13</b>	<b>6</b>	<b>19</b>						<b>700</b>	

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

X



## 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		
Drug Quality Control	PA 604	2	1	3	Instrumental Analysis	15	25	50	10	100	2
Drug Information	PP 601	1	1	2	Pharmacology I	15	25	60	--	100	1
Phytochemistry II	PG 605	2	1	3	Pharmacognosy II	15	25	50	10	100	2
Pharmaceutical Technology	PT 606	2	1	3	Pharmaceutical Dosage Forms III	15	25	50	10	100	2
Pharmacology III	PO 603	2	--	2	Pharmacology I	15	--	75	10	100	2
Medicinal Chemistry II	PC 605	2	1	3	Pharmaceutical Organic Chemistry III	15	25	50	10	100	2
Hospital Pharmacy	PP 602	1	1	2	Pharmacology II	15	25	50	10	100	1
<b>Total</b>		<b>12</b>	<b>6</b>	<b>18</b>						<b>700</b>	

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

X



## 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		
Medical Microbiology & Immunology	PM 704	2	1	3	General Microbiology	15	25	50	10	100	2
Drug Design	PC 706	2	1	3	Medicinal Chemistry II	15	25	50	10	100	2
Advanced Drug Delivery Systems	PT 707	1	1	2	Biopharmaceutics & Pharmacokinetics	15	25	60	--	100	1
Community Pharmacy Practice	PP 703	1	1	2	Pharmacology II	15	25	50	10	100	1
Clinical Biochemistry	PB 704	2	1	3	Biochemistry II	15	25	50	10	100	2
Basic and Clinical Toxicology	PO 704	2	1	3	Pharmacology I	15	25	50	10	100	2
Elective Course	---	1	1	2	Registration	15	25	60	---	100	1
<b>Total</b>		<b>11</b>	<b>7</b>	<b>18</b>						<b>700</b>	

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

## 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	1	1	2	Biopharmaceutics & Pharmacokinetics	15	25	60	--	100	1
Clinical Pharmacy Practice	PP 805	1	1	2	Pharmacology II	15	25	50	10	100	1
Drug Interactions	PO 805	1	1	2	Pharmacology III	15	25	50	10	100	1
Clinical Nutrition	PB 805	2	1	3	Biochemistry I	15	25	50	10	100	2
Complementary and Alternative Therapy	PG 806	2	1	3	Phytochemistry II	15	25	50	10	100	2
Public Health & Preventive Medicine	PM 805	2	--	2	Medical Microbiology & Immunology	25	---	75	---	100	2
Pharmacy Legislations and Professional Ethics	PT 808	1	--	1	Registration	25	--	75	--	100	1
Elective Course	--	1	1	2	Registration	15	25	60	---	100	1
<b>Total</b>		<b>11</b>	<b>6</b>	<b>17</b>						<b>800</b>	

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



X



## 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		
Biotechnology	PM 906	2	1	3	General Microbiology	15	25	50	10	100	2
Management of Endocrine and Renal Disorders	PP 906	2	1	3	Pharmacology III	15	25	50	10	100	2
Management of Oncological Diseases and Radiopharmacy	PP 907	2	1	3	Pharmacology III	15	25	50	10	100	2
Management of Neuropsychiatric Diseases	PP 908	2	1	3	Pharmacology III	15	25	50	10	100	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	--	1	1	2	Registration	15	25	60	---	100	1
<b>Total</b>		<b>11</b>	<b>7</b>	<b>18</b>						<b>700</b>	

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

X



## 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	15	25	50	10	100	2
Management of Cardiovascular Diseases	PP 012	2	1	3	Pharmacology III	15	25	50	10	100	2
Management of Gastrointestinal Diseases	PP 013	2	1	3	Pharmacology III	15	25	50	10	100	2
Management of Dermatological, Reproductive, and Musculoskeletal Diseases	PP 014	2	1	3	Pharmacology III	15	25	50	10	100	2
Marketing and Pharmacoeconomics	NP 013	2	--	2	Registration	25	---	75	---	100	2
Clinical Research and Pharmacovigilance	PO 006	1	--	1	Drug Information	25	---	75	---	100	1
Entrepreneurship	NP 014	1	--	1	Registration	25	--	75	--	100	1
Elective Course	--	1	1	2	Registration	15	25	60	---	100	1
<b>Total</b>		<b>13</b>	<b>5</b>	<b>18</b>						<b>800</b>	

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