

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
Total		12	6	18						700	

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		
Pharmaceutical Analytical Chemistry III	PA 303	2	1	3	Pharmaceutical Analytical Chemistry I	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
Pharmaceutics I	PT 302	2	1	3	Registration	15	25	50	10	100	2
Scientific Writing and Communication Skills	NP 310	1	1	2	Registration	15	25	60	---	100	1
Total		13	7	20						700	

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
Instrumental Analysis	PA 404	2	1	3	Registration	15	25	50	10	100	2
Pathology	NP 411	2	1	3	Histology	15	25	50	10	100	2
Pharmaceutics II	PT 403	2	1	3	Physical Pharmacy	15	25	50	10	100	2
Pharmacology I	PO 401	2	1	3	Physiology	15	25	50	10	100	2
Total		12	6	18						600	

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		
Parasitology and Virology	PM 502	2	1	3	General Microbiology	15	25	50	10	100	2
Pharmaceutical Microbiology	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
Pharmaceutics III	PT 504	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
Total		12	6	18						600	

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		
Biopharmaceutics & Pharmacokinetics	PT 605	2	1	3	Pharmaceutics III	15	25	50	10	100	2
Drug Information	PP 601	1	1	2	Pharmacology I	15	25	50	10	100	1
Phytochemistry II	PG 605	2	1	3	Pharmacognosy II	15	25	50	10	100	2
Pharmaceutics IV	PT 606	2	1	3	Physical Pharmacy	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
Biostatistics	PO 604	1	--	1	Registration	25	--	75	--	100	1
Total		12	5	17						700	

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
Clinical Pharmacokinetics	PP 702	1	1	2	Biopharmaceutics & Pharmacokinetics	15	25	50	10	100	1
Applied & Forensic Pharmacognosy	PG 706	1	1	2	Pharmacognosy II Instrumental Analysis	15	25	50	10	100	1
Drug Design	PC 706	2	1	3	Medicinal Chemistry II	15	25	50	10	100	2
Clinical Biochemistry	PB 704	2	1	3	Biochemistry II	15	25	50	10	100	2
Pharmaceutical Technology I	PT 707	2	1	3	Pharmaceutics IV	15	25	50	10	100	2
Elective Course	---	1	1	2	Registration	15	25	60	---	100	1
Total		11	7	18						700	

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

X



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		
Forensic Chemistry	PC 807	1	1	2	Instrumental Analysis	15	25	60	--	100	1
Hospital Pharmacy	PP 803	1	1	2	Pharmacology II	15	25	50	10	100	1
Basic and Clinical Toxicology	PO 805	2	1	3	Pharmacology I	15	25	50	10	100	2
Clinical Nutrition	PB 805	2	1	3	Biochemistry I	15	25	50	10	100	2
Pharmaceutical Technology II	PT 808	2	1	3	Pharmaceutics IV	15	25	50	10	100	2
Public Health & Preventive Medicine	PM 805	2	-	2	Medical Microbiology & Immunology	25	---	75	---	100	2
Elective Course	--	1	1	2	Registration	15	25	60	---	100	1
Total		11	6	17						700	

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

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
Clinical Pharmacy I	PP 904	2	1	3	Pharmacology II	15	25	50	10	100	2
Community Pharmacy Practice	PP 905	1	1	2	Pharmacology I Pharmacology II	15	25	50	10	100	1
Complementary and Alternative Therapy	PG 907	2	1	3	Phytochemistry II	15	25	50	10	100	2
Good Manufacture Practice	PT 909	1	1	2	Pharmaceutical Technology II	15	25	50	10	100	1
Marketing and Pharmacoeconomics	NP 912	2	--	2	Registration	25	---	75	---	100	2
Entrepreneurship	NP 913	1	--	1	Registration	25	---	75	--	100	1
Elective Course	--	1	1	2	Registration	15	25	60	---	100	1
Total		12	6	18						800	

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		
Drug Quality Control	PA 005	2	1	3	Instrumental Analysis	15	25	50	10	100	2
First Aids	NP 014	1	--	1	Pharmacology I	25	--	75	--	100	1
Drug Interactions	PO 006	1	1	2	Pharmacology III	15	25	50	10	100	1
Advanced Drug Delivery Systems	PT 010	1	1	2	Biopharmaceutics and Pharmacokinetics	15	25	60	--	100	1
Clinical Pharmacy II	PP 006	2	1	3	Pharmacology III	15	25	50	10	100	2
Clinical Research and Pharmacovigilance	PO 007	1	--	1	Drug Information	25	--	75	--	100	1
Pharmacy Legislations and Professional Ethics	PT 011	1	--	1	Registration	25	--	75	--	100	1
Elective Course	--	1	1	2	Registration	15	25	60	---	100	1
Total		10	5	15						800	

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