

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam Hours
		Lect.	P/T	Total		Period.	Pract./Tut.	Wr.	Oral		
English Language	NP111	3	0	3	Registration	25	-	75	-	100	3
Human Rights and Fighting Corruption	NP112	1	0	1	Registration	25	-	75	-	100	1

Information Technology	NP113	1	1	2	Registration	15	25	60	-	100	1
Mathematics	PB111	1	0	1	Registration	25	-	75	-	100	1
Medical Terminology	PO111	1	0	1	Registration	25	-	75	-	100	1
Medicinal Plants	PG111	2	1	3	Registration	15	25	50	10	100	2
Orientation to Pharmacy	PT111	1	0	1	Registration	25	-	75	-	100	1
	PC111	2	1	3	Registration						

Pharmaceutical Analytical Chemistry-I						15	25	50	10	100	2
Pharmaceutical Organic Chemistry-I	PC112	2	1	3	Registration	15	25	50	10	100	2
Total Credits	18 Hours										

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- *Wr.* = *Final written Exam.*

Spring Semester:

الفصل الدراسي الربيعي:

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam Hours
		Lect.	P/T	Total		Period.	Pract./Tut.	Wr.	Oral		
Anatomy and Histology	PO122	2	1	3	Registration	15	25	60	-	100	2
Cell Biology	PB122	2	0	2	Registration	25	-	75	-	100	2
Pharmaceutical Analytical Chemistry-II	PC123	2	1	3	PC111	15	25	50	10	100	2
Pharmaceutical Organic Chemistry-II	PC124	2	1	3	PC112	15	25	50	10	100	2

Pharmacognosy-I	PG122	2	1	3	PG111	15	25	50	10	100	2
Physical Pharmacy	PT122	2	1	3	Registration	15	25	50	10	100	2
Psychology	PB123	1	0	1	Registration	25	-	75	-	100	1
Total Credits	18 Hours										

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- *Wr.* = *Final written Exam.*

LEVEL-2:

المستوى الثاني:

Fall Semester:

الفصل الدراسي الخريفي:

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam Hours
		Lect.	P/T	Total		Period.	Pract./Tut.	Wr.	Oral		
Communication skills	PG213	2	0	2	Registration	25	-	75	-	100	2
Biostatistics	PO213	1	0	1	PB111	25	-	75	-	100	1
General Microbiology and Immunology	PM211	2	1	3	PB122	15	25	50	10	100	2
	PC215	2	1	3	PC123	15	25	50	10	100	2

Pharmaceutical Analytical Chemistry-III											
Pharmaceutical Organic Chemistry-III	PC216	2	1	3	PC124	15	25	50	10	100	2
Pharmaceutics-I	PT213	2	1	3	PT122	15	25	50	10	100	2
Physiology	PO214	2	0	2	PB122	25	-	75	-	100	2
Scientific Writing	PP211	2	0	2	Registration	25	-	75	-	100	2

Total Credits	19 Hours
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- *Pract./Tut.* = *Practical/Tutorial.*
- *Wr.* = *Final written Exam.*

Spring Semester:

الفصل الدراسي الربيعي:

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam Hours
		Lect.	P/T	Total		Period.	Pract./Tut.	Wr.	Oral		
Biochemistry-I	PB224	2	1	3	PC216	15	25	50	10	100	2
Instrumental Analysis	PC227	2	1	3	PC215	15	25	50	10	100	2
Parasitology and Virology	PM222	2	1	3	PM211	15	25	50	10	100	2
Pathology	PM223	1	1	2	PO122 + PO214	15	25	60	-	100	1
	PT224	2	1	3	PT213	15	25	50	10	100	2

Pharmaceutics-II											
Pharmacognosy-II	PG224	2	1	3	PG111	15	25	50	10	100	2
Pharmacy Management	PP222	1	0	1	Registration	25	-	75	-	100	1
Total Credits	18 Hours										

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LEVEL-3:

المستوى الثالث:

Fall Semester:

الفصل الدراسي الخريفي:

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam Hours
		Lect	P/T	Total		Period.	Pract./Tut.	Wr.	Oral		
Biochemistry-II	PB315	2	1	3	PB224	15	25	50	10	100	2
Medicinal Chemistry-I	PC318	2	1	3	PC216	15	25	50	10	100	2
Pharmaceutical Legislation and Regulatory Affairs	PT315	1	0	1	Registration	25	-	75	-	100	1
Pharmaceutics-III	PT316	2	1	3	Registration	15	25	50	10	100	2

Pharmacology-I	PO315	2	1	3	PO214	15	25	50	10	100	2
Phytochemistry-I	PG315	2	1	3	PG122 + PG224	15	25	50	10	100	2
Entrepreneurship	PT317	2	0	2	Registration	25	-	75	-	100	2
Total Credits	18 Hours										

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- *Wr.* = *Final written Exam.*

Spring Semester:

الفصل الدراسي الربيعي:

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam Hours
		Lect.	P/T	Total		Period.	Pract./Tut.	Wr.	Oral		

Hospital Pharmacy Practice	PP323	2	1	3	Registration	15	25	50	10	100	2
Medicinal Chemistry-II	PC329	2	1	3	PC318	15	25	50	10	100	2
Pharmaceutical Microbiology	PM324	2	1	3	PM211	15	25	50	10	100	2
Pharmaceutics-IV	PT328	2	1	3	PT213	15	25	50	10	100	2
Pharmacology-II	PO326	2	1	3	PO315	15	25	50	10	100	2
Phytochemistry-II	PG326	2	1	3	PG122 + PG224	15	25	50	10	100	2
Total Credits	18 Hours										



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LEVEL-4:**المستوى الرابع:****Fall Semester:****الفصل الدراسي الخريفي:**

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam Hours
		Lect	P/T	Total		Period.	Pract./Tut.	Wr.	Oral		
Biopharmaceutics and Pharmacokinetics	PT419	2	1	3	PT316	15	25	50	10	100	2
Clinical Biochemistry	PB416	2	1	3	PB315	15	25	50	10	100	2
First Aid	PP414	1	0	1	Registration	25	-	75	-	100	1
Medical Microbiology	PM415	2	1	3	PM324	15	25	50	10	100	2

Clinical Pharmacokinetics	PP425	2	1	3	PT419	15	25	50	10	100	2
Computer Aided Drug Design (CAAD)	PC4210	1	1	2	PC329	15	25	50	10	100	1
Community Pharmacy Practice	PP426	2	0	2	PG213	25	-	75	-	100	2
Pathophysiology	PP427	2	0	2	PO214	25	-	75	-	100	2
Pharmaceutical Technology-II	PT4211	2	1	3	PT4110	15	25	50	10	100	2
Professional Ethics	PM426	1	0	1	Registration	25	-	75	-	100	1
Toxicology and Forensic Chemistry	PO428	2	1	3	PO417	15	25	50	10	100	2

Elective Course	-	2	0	2	Registration	25	-	75	-	100	2
	-	1	1	2		15	25	60	-		1
Total Credits	18 Hours										

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LEVEL-5:

المستوى الخامس:

Fall Semester:

الفصل الدراسي الخريفي:

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam Hours
		Lect.	P/T	Total		Period.	Pract./Tut.	Wr.	Oral		
Biotechnology	PM517	2	0	2	PM324	25	-	75	-	100	2
Drug and Poison Information	PP5110	2	0	2	PO428	25	-	75	-	100	2

Good Manufacturing Practice (GMP)	PT5112	2	0	2	PT4211	25	-	75	-	100	2
Marketing and Pharmacoeconomics	PP518	2	0	2	Registration	25	-	75	-	100	2
Pharmacotherapy-I	PP519	2	1	3	PP427 + PO417	15	25	50	10	100	2
Phytotherapy and Aromatherapy	PG517	3	0	3	PG315 + PG326	25	-	75	-	100	3
Public Health	PM518	2	0	2	PM415	25	-	75	-	100	2
Elective Course	-	2	0	2	Registration	25	-	75	-	100	2
	-	1	1	2		15	25	60	-		1
Total Credits	18 Hours										

- Lect. = Lecture. Period. = Periodical. Pract./Tut. = Practical/Tutorial. Wr. = Final written Exam.

Spring Semester:

الفصل الدراسي الربيعي:

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam Hours
		Lect.	P/T	Total		Period.	Pract./Tut.	Wr.	Oral		
Advanced Drug Delivery Systems	PT5213	2	0	2	PT316 + PT328	25	-	75	-	100	2
Applied and Forensic Pharmacognosy	PG528	2	0	2	PG315 + PG326	25	-	75	-	100	2
Clinical Pharmacology	PO529	2	1	3	PO417 + PP427	15	25	50	10	100	2

Clinical Research and pharmacovigilance	PP5211	2	0	2	PP519	25	-	75	-	100	2
Patient Care Skills	PP5212	1	0	1	PP519	25	-	75	-	100	1
Pharmacotherapy-II	PP5213	2	1	3	PP519	15	25	50	10	100	2
Quality Control of Pharmaceuticals	PC5211	2	1	3	PC227 + PM324	15	25	50	10	100	2
Elective Course	-	2	0	2	Registration	25	-	75	-	100	2
	-	1	1	2		15	25	60	-		1
Total Credits	18 Hours										

