



Study table of the second semester

Level (1) Clinical Pharmacy Pharm D Program

2022/2023



Clock Day	9.00	10.00	11.00	12.00	1.00	2.00	3.00	4.00	5.00
Saturday	Cell Biology Lec (B)	Information Technology Lec (B)	Information Technology Lec (A)	Anatomy Lec (A)					
	Cell Biology Lab (3)		Cell Biology Lab (5) & (6)						
	Information Technology Lab (1) & (2)		Information Technology Lab (4)		Information Technology Lab (3) & (5) & (6)				
Sunday	Pharmaceutical Analytical chemistry-II Lec (A)		Pharmacognosy -I Lec (A)		Pharmaceutical Organic chemistry-II Lec (B)				
	Pharmaceutical Analytical chemistry-II Lab (4)		Pharmaceutical Analytical chemistry-II Lab (5) & (6)		Pharmaceutical Analytical chemistry-II Lab (1) & (2) & (3)				
Monday	Pharmacognosy -I Lec (B)		Histology Lec (A)	Cell Biology Lec (A)					
	Cell Biology Lab (2)		Cell Biology Lab (4)		Cell Biology Lab (1)				
	Pharmacognosy -I Lab (1) & (3)		Pharmacognosy -I Lab (5) & (6)		Pharmacognosy -I Lab (2) & (4)				
Tuesday	Pharmaceutical Organic chemistry-II Lec (A)		Physical pharmacy Lec (B)		Pharmaceutical Analytical chemistry-II Lec (B)				
	Pharmaceutical Organic chemistry-II Lab (4) & (5) & (6)		Pharmaceutical Organic chemistry-II Lab (1) & (2) & (3)						
Wednesday	Physical pharmacy Lec (A)		Anatomy & Histology Lec (B)						
	Physical pharmacy Lab (4) & (5)		Physical pharmacy Lab (2) & (3)		Physical pharmacy Lab (1) & (6)				
Thursday									

Group	No. of Students	Labs	Lecture Place	Practical Place
Group (A)	1-80	(1), (2), (3)	Group (A) & Group (B)	<ul style="list-style-type: none"> Pharmaceutical Analytical chemistry-II Pharmaceutical Organic chemistry-II Labs (1)&(2) & (3) building (E)
Group (B)	81- End	(4), (5), (6)	Lec Hall (8) building (E)	<ul style="list-style-type: none"> Practical Cell Biology Information Technology Pharmacognosy -I & Physical pharmacy Saturday: Lab (1) & (2) Building (E) Monday: Lab (3) Building (E) College of Engineering labs Departmental Labs

Program Director

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M. Eid

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Level 1 - Semester (2)

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam Hours
		Lecture	Practical / Tutorial	Total		Period. Activity/ Course Work	Practical / Tutorial	Written	Oral		
Pharmaceutical Analytical Chemistry II	PC 203	2	1	3	Pharmaceutical Analytical Chemistry I	15	25	50	10	100	2
Pharmaceutical Organic Chemistry II	PC 204	2	1	3	Pharmaceutical Organic Chemistry-I	15	25	50	10	100	2
Cell Biology	PB 201	1	1	2	Registration	15	25	50	10	100	1
Anatomy & Histology	MD 202	2	0	2	Registration	25	-	75	-	100	2
Physical Pharmacy	PT 202	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
University Requirements:											
Information Technology	UR1	1	1	2	Registration	15	25	60	---	100	1
Total		12	5	17						600	

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Study table of the second semester

Level (2) Clinical Pharmacy Pharm D Program

2022/2023



Clock Day	9.00	10.00	11.00	12.00	1.00	2.00	3.00	4.00
Saturday								
Sunday	Basic Pharmacology Lec (A)	Biochemistry-II Lec (B)	Pathology Lec (B)					
	Basic Pharmacology Lab (4) & (5)	Basic Pharmacology Lab (1) & (2)	Basic Pharmacology Lab (3)					
Monday	Pharmaceutical Dosage forms-II Lec (A)	Basic Pharmacology Lec (B)						
	Pharmaceutical Dosage forms-II Lab (4) & (5)	Pharmaceutical Dosage forms-II Lab (1) & (3)	Pharmaceutical Dosage forms-II Lab (2) & (6)					
Tuesday	Pharmaceutical Dosage forms-II Lec (B)	General Microbiology and Immunology Lecture (A)	Pathology Lec (A)					
	General Microbiology and Immunology Lab (1) & (2) & (3)	General Microbiology and Immunology Lab (4) & (5) & (6)						
Wednesday	General Microbiology and Immunology Lec (B)	Instrumental Analysis Lec (A)						
	Instrumental Analysis Lab (2)	Instrumental Analysis Lab (6)						
Thursday	Instrumental Analysis Lec (B)	Biochemistry-II Lec (A)						
	Instrumental Analysis Lab (1)	Instrumental Analysis Lab (4)	Instrumental Analysis Lab (3) & (5)					
	Biochemistry-II Lab (2) & (3)	Biochemistry-II Lab (5) & (6)	Biochemistry-II Lab (1) & (4)					

Group	No. of Students	Labs	Lecture Place	Practical Place
Group (A)	1-85	(1), (2), (3)	Group (A) & Group (B) Lec Hall (7) building (B)	• Basic Pharmacology Lec Halls: (7) & (9) building (E)
Group (B)	86 - End	(4), (5), (6)		• Instrumental Analysis Wednesday; Lab (3) building (E) Thursday; Departmental Lab 5 th floor building (C)
				• Pharmaceutical Dosage forms-II • General Microbiology & Immunology • Biochemistry-II Departmental Labs

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Level 2 - Semester (4)

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam Hours
		Lecture	Practical / Tutorial	Total		Period. Activity/ Course Work	Practical / Tutorial	Written	Oral		
Basic Pharmacology	PO 301	2	1	3	Registration	15	25	50	10	100	2
General Microbiology and Immunology	PM 401	2	1	3	Registration	15	25	50	10	100	2
Instrumental Analysis	PC406	2	1	3	Pharmaceutical Analytical Chemistry II	15	25	50	10	100	2
Pathology	MD 404	2	--	2	Registration	25	---	75	---	100	2
Pharmaceutical Dosage Forms-II	PT 405	2	1	3	Physical Pharmacy	15	25	50	10	100	2
Biochemistry II	PB 403	2	1	3	Biochemistry I	15	25	50	10	100	2
Total		12	5	17						600	

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Study table of the second semester

Level (3) Clinical Pharmacy Pharm D Program

2022/2023



Clock Day	9.00	10.00	11.00	12.00	1.00	2.00	3.00	4.00	5.00	7.00
Saturday	First Aid and Basic Life Support Lec (B)		Biopharmaceutics & Pharmacokinetics Lec (A)							
	Biopharmaceutics & Pharmacokinetics Lab (1) & (2)		Biopharmaceutics & Pharmacokinetics Lab (4) & (5)			Biopharmaceutics & Pharmacokinetics Lab (3)				
Sunday	Pharmaceutical Technology Lec (B)		Pharmacology- II Lec (A)							
	Pharmaceutical Technology Lab (1) & (3)		Pharmaceutical Technology Lab (4) & (5)			Pharmaceutical Technology Lab (2)				
Monday	Pharmacology- II Lec (B)		Pharmaceutical Technology Lec (A)			First Aid and Basic Life Support Lec (A)				
	Pharmacology- II Lab (1) & (2) & (3)		Pharmacology- II Lab (4) & (5)							
Tuesday	Community Pharmacy practice Lec (A)		Phytochemistry II Lec (B)			Community Pharmacy practice Lec (B)				
	Community Pharmacy Practice Lab (4) & (5)		Community Pharmacy Practice Lab (1) & (3)			Community Pharmacy Practice Lab (2)				
Wednesday	Phytochemistry II Lec (A)		Biopharmaceutics & Pharmacokinetics Lec (B)							
	Phytochemistry II Lab (4) & (5)		Phytochemistry II Lab (2) & (3)			Phytochemistry II Lab (1) & (6)				
Thursday										

Group	No. of Students	Labs	Lecture Place	Practical Place
Group (A)	1-85	(1), (2), (3)	Group (A) & Group (B)	• Biopharmaceutics & Pharmacokinetics Lec halls (2) & (3) building (D)
Group (B)	86 - End	(4), (5), (6)	Lec Hall (6) building (E)	• Pharmaceutical Technology • Community Pharmacy Practice • Pharmacology- II • Phytochemistry II Lec halls (602) & (603) 6 th floor-building (B) Departmental Labs Departmental Labs

Program Director

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Level 3 – Semester 6

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam Hours
		Lecture	Practical / Tutorial	Total		Period. Activity/ Course Work	Practical / Tutorial	Written	Oral		
Pharmacology-II	PO 603	2	1	3	Pharmacology I	15	25	50	10	100	2
Phytochemistry-II	PG 605	2	1	3	Phytochemistry-I	15	25	50	10	100	2
Pharmaceutical Technology	PT 607	2	1	3	Registration	15	25	50	10	100	2
Community Pharmacy Practice	PP 602	2	1	3	Pharmacology -I	15	25	50	10	100	2
Biopharmaceutics and Pharmacokinetics	PT 608	2	1	3	Pharmaceutical dosage forms III	15	25	50	10	100	2
First Aid and Basic Life Support	MD 605	2	0	2	Registration	15	--	75	10	100	2
Total		12	5	17						600	

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Study table of the second semester

Level (4) Clinical Pharmacy Pharm D Program

2022/2023



Clock Day	9.00	10.00	11.00	12.00	1.00	2.00	3.00	4.00	5.00
Saturday	Advanced Pharmacotherapy and Therapeutics Lec (A)		Clinical Biochemistry Lec (A)		Cosmetic preparations Lec (B)				
	Cosmetic preparations Lab (5) & (6)		Cosmetic preparations Lab (4) & (7)		Cosmetic preparations Lab (1) & (2)		Cosmetic preparations Lab (3)		
	Clinical Biochemistry Lab (4) & (7)		Clinical Biochemistry Lab (5) & (6)		Clinical Biochemistry Lab (3)		Clinical Biochemistry Lab (1) & (2)		
Sunday	Public Health and Preventive Medicine Lec (A)		Quality Control and pharmaceutical analysis Lec (A)		Clinical Biochemistry Lec (B)				
Monday	Quality Control and pharmaceutical analysis Lec (B)		Clinical Pharmacokinetics Lec (B)		Clinical Pharmacokinetics Lec (A)				
	Clinical Pharmacokinetics Lab (3)		Clinical Pharmacokinetics Lab (1) & (2)		Clinical Pharmacokinetics Lab (5) & (6)		Clinical Pharmacokinetics Lab (4)		
	Quality Control and pharmaceutical analysis Lab (1) & (2)		Quality Control and pharmaceutical analysis Lab (3)		Quality Control and pharmaceutical analysis Lab (4) & (7)		Quality Control and pharmaceutical analysis Lab (5) & (6)		
Tuesday	Medicinal Chemistry-II Lec (A)		Advanced Pharmacotherapy and Therapeutics Lec (B)		Public Health and Preventive Medicine Lec (B)				
	Advanced Pharmacotherapy and Therapeutics Lab (4) & (5) & (6)		Advanced Pharmacotherapy and Therapeutics Lab (1) & (2)		Advanced Pharmacotherapy and Therapeutics Lab (3)				
Wednesday	Cosmetic preparations Lec (A)	Pharmacotherapy of Critical Care Patients Lec (A)	Medicinal Chemistry-II Lec (B)		Pharmacotherapy of Critical Care Patients Lec (B)				
	Pharmacotherapy of Critical Care Patients Lab (5) & (6)		Pharmacotherapy of Critical Care Patients Lab (1) & (2)		Pharmacotherapy of Critical Care Patients Lab (3)		Pharmacotherapy of Critical Care Patients Lab (4)		
	Medicinal Chemistry-II Lab (4) & (7)		Medicinal Chemistry-II Lab (3)		Medicinal Chemistry-II Lab (1) & (2)		Medicinal Chemistry-II Lab (5) & (6)		
Thursday									

Group	No. of Students	Labs	Lecture Place	Practical Place
Group (A)	1 - 100	(1), (2), (3)	Group (A) & Group (B) Lec Hall (6) Building (B)	• Clinical Pharmacokinetics Lec halls (7) & (9) building (E)
Group (B)	101- End	(4), (5), (6), (7)		• Pharmacotherapy of Critical Care Patients Lec halls (602) & (603) 6 th floor-building (B)
				• Quality Control and pharmaceutical analysis Labs (1) & (2) Building (E)
				• Advanced Pharmacotherapy and Therapeutics Lec halls (1) & (2) & (3) building (D)
				• Medicinal Chemistry-II Labs (1) & (2) Building (E)
				• Cosmetic preparations & Clinical Biochemistry Departmental Labs

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Level 4 – Semester 8

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam Hours
		Lecture	Practical / Tutorial	Total		Period. Activity/ Course Work	Practical / Tutorial	Written	Oral		
Medicinal Chemistry-II	PC 808	2	1	3	Medicinal Chemistry I	15	25	50	10	100	2
Advanced Pharmacotherapy and Therapeutics	PO 805	2	1	3	Pharmacology III	15	25	50	10	100	2
Clinical Pharmacokinetics	PP 804	2	1	3	Biopharmaceutics and Pharmacokinetics	15	25	50	10	100	2
Pharmacotherapy of Critical Care Patients	PP 805	1	1	2	Pharmacology-III	15	25	50	10	100	1
Clinical Biochemistry	PB 804	2	1	3	Biochemistry-II	15	25	50	10	100	2
Public Health and Preventive Medicine	PM 805	2	--	2	Medical Microbiology	25	---	75	---	100	2
Quality Control and pharmaceutical analysis	PC 809	2	1	3	Pharmaceutical Analytical Chemistry-II	15	25	50	10	100	2
Elective Course	PE ---	1	1	2	Registration	15	25	50	10	100	1
Total		14	7	21						800	

Program Director

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Clock Day	9.00	10.00	11.00	12.00	1.00	2.00	3.00	4.00	5.00
Saturday	Management of Gastrointestinal Diseases Lec (B)	Antimicrobial agents Lec (A)	Drug Information Lec (A)	Manag. of Dermat. & Reproductive Diseases Lec (A)	Management of Dermatological and Reproductive Diseases Lab (1) & (3) & (8)				
	Antimicrobial agents Lab (1)&(2) & (3)	Antimicrobial agents Lab (6), (7), (8)	Antimicrobial agents Lab (9), (10)	Antimicrobial agents Lab (4) &(5)					
Sunday	Management of Cardiovascular Diseases Lec (B)	Management of Gastrointestinal Diseases Lec (A)	Management of Cardiovascular Diseases Lec (A)						
	Management of Gastrointestinal Diseases Lab (1) & (2) & (3)	Management of Gastrointestinal Diseases Lab (6) & (7) & (8)							
Monday	Management of Pediatrics Diseases Lec (A)	Antimicrobial agents Lec (B)	Toxicology and forensic chemistry Lec (B)						
	Management of Cardiovascular Diseases Lab (6) & (7) & (8)	Management of Cardiovascular Diseases Lab (1)&(2) & (3)							
Tuesday	Management of Pediatrics Diseases Lec (B)	Therapeutics –II Lec (A)	Drug Information Lec (B)	Manag. of Dermat. & Reproductive Diseases Lec (B)	Management of Dermatological and Reproductive Diseases Lab (2) &(6) & (7)				
	Therapeutics –II Lab (3) & (4)	Therapeutics –II Lab (6) & (7) & (9)	Therapeutics –II Lab (1) &(2)	Therapeutics –II Lab (5) &(8)					
Wednesday	Toxicology and forensic chemistry Lec (A)	Therapeutics –II Lec (B)	Management of Pediatrics Diseases Lab (1) & (2) & (3)	Management of Pediatrics Diseases Lab (6) & (7) & (8)					
	Toxicology and forensic chemistry Lab (6) & (9)	Toxicology and forensic chemistry Lab (1) & (2) & (5)	Toxicology and forensic chemistry Lab (7)&(8)	Toxicology and forensic chemistry Lab (3) & (4)					
Thursday									

Group	No. of Students	Labs	Lecture Place	Practical Place
Group (A)	1 - 150	(1), (2), (3), (4), (5)	Group (A) & Group (B)	<ul style="list-style-type: none"> Therapeutics –II Lec halls (4) building (D) & (7) building (E) (9-11) and (1 – 5). Lec halls (4) building (D) and (7) & (9) building (E) (11 - 1)
Group (B)	151- End	(6), (7), (8), (9), (10)	Lec Hall (4) Building (B)	<ul style="list-style-type: none"> Management of Gastrointestinal Diseases Management of Cardiovascular Diseases Management of Pediatrics Diseases & Management of Dermatological and Reproductive Disease Antimicrobial agents & Toxicology and forensic chemistry
				<ul style="list-style-type: none"> Internal medicine department, Gastro-entriology unit Lec Hall (602) 6th floor-building (B) Lec Hall (4) Building (B) Departmental Labs

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Level 5 – Semester 10

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam Hours
		Lecture	Practical / Tutorial	Total		Period. Activity/ Course Work	Practical / Tutorial	Written	Oral		
Therapeutics –II	PO 007	2	1	3	Pharmacology-III	10	25	50	15	100	2
Management of Dermatological and Reproductive Diseases	PP 008	1	1	2	Pathology	10	25	50	15	100	1
Management of Pediatrics Diseases	PP 009	2	1	3	Pathophysiology, Pharmacology-III	10	25	50	15	100	2
Management of Cardiovascular Diseases	PP 010	2	1	3	Pathophysiology, Pharmacology-III	10	25	50	15	100	2
Management of Gastrointestinal Diseases	PP 011	2	1	3	Pathophysiology, Pharmacology-III	10	25	50	15	100	2
Toxicology and forensic chemistry	PO 904	2	1	3	Pharmacology-III	10	25	50	15	100	2
Drug Information	PP 013	1	-----	1	Registration	20	---	65	15	100	1
Elective Course	PE --	1	1	2	Registration	25		75	----	100	1
Total		13	7	20						800	

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