

Students' Guidance Plan of Pharmacy Faculty, Jerash University in 2021

First year

First semester						Second semester					
Course Number	Course Name	Credit Hours	Theoretical	Practical	Prerequisite	Course Number	Course Name	Credit Hours	Theoretical	Practical	Prerequisite
	UNIVERSITY MANDATORY	3	3				UNIVERSITY MANDATORY	3	3		
	UNIVERSITY MANDATORY	3	3				UNIVERSITY MANDATORY	3	3		
0301101	GENERAL CHEMISTRY (1)	3	3			1101115	PHARMACEUTICAL ANALYTICAL CHEMISTRY	3	3		0301101
0302101	GENERAL BIOLOGY (1)	3	3			1101116	PHARMACEUTICAL BASIC CHEMISTRY/ PRACTICAL	1		2	Synchronous 1101115
1101121	PHARMACEUTICAL CALCULATIONS AND PRINCIPLES OF BIOSTATISTICS	2	2			1101134	PHYSIOLOGY	3	3		1101131
1101131	HUMAN ANATOMY AND HISTOLOGY	2	2			1101111	PHARMACEUTICAL ORGANIC CHEMISTRY(1)	3			0301101
Total credit hours per semester				16		Total credit hours per semester				16	

Second year

First semester						Second semester					
Course Number	Course Name	Credit Hours	Theoretical	Practical	Prerequisite	Course Number	Course Name	Credit Hours	Theoretical	Practical	Prerequisite
	UNIVERSITY MANDATORY	3	3				UNIVERSITY MANDATORY	3	3		
	UNIVERSITY ELECTIVE	3	3				UNIVERSITY ELECTIVE	3	3		
1101210	PHARMACEUTICAL ORGANIC CHEMISTRY(2)	2	2		1101111	1101432	PATHOPHYSIOLOGY	2	2		1101134
1101221	PHARMACEUTICS (1) NEW PLAN	2	2		1101121	1101332	IMMUNOLOGY	2	2		1101222
1101222	PHARMACY PRACTICE (1)/ PRACTICAL	1		2	Synchronous 1101221	1101223	PHARMACEUTICAL BIOCHEMISTRY	3	3		1101210
1101333	PHARMACEUTICAL MICROBIOLOGY	3	3		1101134	1101224	PHARMACEUTICS (2) NEW PLAN	3	3		1101221
1101334	PHARMACEUTICAL MICROBIOLOGY PRACTICAL	1		2	Synchronous 1101333	1101225	PHARMACY PRACTICE (2) / PRACTICAL	1		2	Synchronous 1101224
Total credit hours per semester				15		Total credit hours per semester				17	

Third year

First semester						Second semester					
Course Number	Course Name	Credit Hours	Theoretical	Practical	Prerequisite	Course Number	Course Name	Credit Hours	Theoretical	Practical	Prerequisite
	UNIVERSITY ELECTIVE	3	3			1101312	PHARMACEUTICAL MEDICINAL CHEMISRY (2)	3	3		1101311
1101311	PHARMACEUTICAL MEDICINAL CHEMISTRY (1)	2	2		1101210	1101313	PHARMACEUTICAL MEDICINAL CHEMISRY (2) PRACTICAL	1		2	Synchronous 1101312
1101331	PHARMACOLOGY(1)	3	3		1101223	1101335	PHARMACOLOGY (2)	3	3		1101331
1101320	DRUG DELIVERY SYSTEMS	2	2		1101224	1101336	PHARMACOLOGY (2) PRACTICAL	1		2	Synchronous 1101335
1101212	INSTRUMENTAL ANALYSIS	2	2		1101115	1101324	PHARMACEUTICS (3) NEW PLAN	3	3		1101224
1101213	INSTRUMENTAL ANALYSIS PRACTICAL	1		2	Synchronous 1101212	1101325	PHARMACY PRACTICE (3) / PRACTICAL	1		2	Synchronous 1101324
1101340	CLINICAL NUTRITION/ PHARMACY	2	2		1101223	1101317	PHARMACOGNOSY AND CHEMISTRY OF NATURAL PRODUCTS	3	3		1101311
						1101318	PHARMACOGNOSY AND CHEMISTRY OF NATURAL PRODUCTS/ PRACTICAL	1		2	Synchronous 1101317
Total credit hours per semester				15		Total credit hours per semester				16	

Fourth year

First semester						Second semester					
Course Number	Course Name	Credit Hours	Theoretical	Practical	Prerequisite	Course Number	Course Name	Credit Hours	Theoretical	Practical	Prerequisite
1101411	PHARMACEUTICAL MEDICINAL CHEMISRY(3)	3	3		1101312	1101531	CLINICAL PHARMACY & THERAPEUTICS(1)	2	3		1101431
1101431	PHARMACOLOGY(3)	3	3		1101335	1101532	CLINICAL PHARMACY & THERAPEUTICS(1) PRACTICAL	1		2	Synchronous 1101531
1101413	CLINICAL BIOCHEMISTRY	3	3		1101335	1101433	BIOPHARMACEUTICS AND PHARMACOKINETICS	3	3		1101431
1101414	CLINICAL BIOCHEMISTRY PRACTICAL	1		2	Synchronous 1101413	1101434	BIOPHARMACEUTICS AND PHARMACOKINETICS/ PRACTICAL	1		2	Synchronous 1101433
1101440	COMMUNITY PHARMACY AND DRUG INFORMATION	3	3		1101335	1101442	EVIDENCE BASED PHARMACEUTICAL PRACTICE	2	2		1101440
1101441	PHARMACEUTICAL CARE	2	2		1101335		FACULTY ELECTIVE	3	3		
						1101435	PUBLIC HEALTH	2	2		1101332
						1101460	PHARMACY TRAINING (1) NEW PLAN	2	2	80	Department approval
						1101461	PHARMACY TRAINING (1) NEW PLAN	1		2 + 80	Synchronous 1101460
Total credit hours per semester				15		Total credit hours per semester				17	

Summer semester

Course Number	Course Name	Credit Hours	Theoretical	Practical	Prerequisite
1101561	EXPERIENTIAL PHARMACY TRAINING	3	*	160	1101460

** Experiential Pharmacy Training (1101561) course involves a weekly follow-up meeting with the course instructor to monitor the progress of the students' training.*

Fifth year

First semester						Second semester					
Course Number	Course Name	Credit Hours	Theoretical	Practical	Prerequisite	Course Number	Course Name	Credit Hours	Theoretical	Practical	Prerequisite
1101533	CLINICAL PHARMACY AND THERAPEUTICS(2)	2	2		1101531	1101536	CLINICAL PHARMACY AND THERAPEUTICS(3)	3	3		1101533
1101534	CLINICAL PHARMACY AND THERAPEUTICS(2) PRACTICAL	1		2	Synchronous 1101533	1101421	COSMETICS	3	3		1101320
1101542	PHYTOTHERAPY	3	3		1101431	1101522	PHARMACEUTICAL LEGISLATION AND ETHICS	1	1		1101545
1101543	ADVANCED PHAMACEUTICAL TECHNOLOGY	3	3		1101324	1101537	CLINICAL CASES/ PRACTICAL	1		2	Synchronous 1101536
1101546	PHARMACEUTICAL DISPENSING/ PRACTICAL	1		2	Synchronous 1101543	1101541	PHARMACEUTICAL BIOTECHNOLOGY	3	3		1101435
1101545	PHARMACEUTICAL MARKETING	2	1		1101460		FACULTY ELECTIVE	3	3		
1101521	PHARMACOECONOMICS	1	1		1101460						
	FACULTY ELECTIVE	3	3								
Total credit hours per semester				17		Total credit hours per semester				14	