

Faculty of Pharmacy/ Yarmouk University

Advisory Plan 2021

First academic Year-first Semester					
Course Code and No.	Course name	Credit hours	theoretical	Practical	Prerequisite
SCC101	General Chemistry for Medical Students	3	3	0	
SCC111	General Biology for Medical Students	3	3	0	
MATH101	Calculus	3	3	0	
HUM121	Communication skills in English	3	3	0	
HUM120	Communication skills in Arabic	3	3	0	
Total credits		15	15	0	
First academic Year-second Semester					
Course Code and No.	Course name	Credit hours	theoretical	Practical	Prerequisite
SCC121	General Physics for Medical Students	3	3	0	
PHRM110	Pharmaceutical Analytical Chemistry	3	3	-	SCC101 PHRM111 Co-requisite
PHRM111	Pharmaceutical Analytical Chemistry Practical	1	-	3	SCC101 PHRM110 Co-requisite
PHRM120	Human Anatomy and physiology	3	3	-	SCC111 PHRM121 Co-requisite
PHRM121	Human Anatomy and physiology practical	1	-	3	SCC111 PHRM120 Co-requisite
SCC105	Pharmaceutical Organic Chemistry-1	2	2	-	SCC101
	University Elective course	3	3	0	
Total credits		16	14	6	
First academic Year-summer Semester					
Course Code and No.	Course name	Credit hours	theoretical	Practical	Prerequisite
MILT100A	Military sciences and citizenship	3	3	0	
Total credits		3	3	0	

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Second academic Year-first Semester					
Course Code and No.	Course name	Credit hours	theoretical	Practical	Prerequisite
PHRM210	Pharmaceutical Organic Chemistry-2	3	3	-	SCC105 PHRM211 Co-requisite
PHRM211	Pharmaceutical Organic Chemistry Practical	1	-	3	PHRM210 Co-requisite
PHRM212	Physical Pharmacy and Pharmaceutics	3	3	-	SCC101 SCC121 PHRM213 Co-requisite
PHRM213	Physical Pharmacy and Pharmaceutics Practical	1	-	3	PHRM 212 Co-requisite
PHRM220	Pathophysiology for Pharmacy	3	3	-	PHRM120
	University Elective course	3	3	0	
	University Compulsory course	3	3	0	
Total credits		17	15	6	
Second academic Year-second Semester					
Course Code and No.	Course name	Credit hours	theoretical	Practical	Prerequisite
PHRM230	Pharmaceutical compounding and dosage forms	3	3	-	PHRM212 PHRM231 Co-requisite
PHRM231	Pharmaceutical compounding and dosage forms Practical	1	-	3	PHRM230 Co-requisite
PHRM214	Pharmaceutical Microbiology	3	3	-	SCC111 PHRM220 PHRM215 Co-requisite
PHRM215	Pharmaceutical Microbiology Practical	1	-	3	PHRM214 Co-requisite
PHRM216	Biochemistry	3	3	-	SCC111 PHRM210
PHRM221	Biostatistics for Pharmacy	2	2	-	MATH 101
	University Elective course	3	3	0	
Total credits		16	14	6	
Second academic Year-summer Semester					
Course Code and No.	Course name	Credit hours	theoretical	Practical	Prerequisite
HUM146	Leadership, Entrepreneurship and Innovation	3	3	0	
Total credits		3	3	0	

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Third academic Year-first Semester					
Course Code and No.	Course name	Credit hours	theoretical	Practical	Prerequisite
PHRM330	Pharmaceutical Technology-1	3	3	-	PHRM230 PHRM331 Co-requisite
PHRM331	Pharmaceutical Technology-1 Practical	1	-	3	PHRM330 Co-requisite
PHRM340	Pharmacology-1	3	3	-	PHRM220 PHRM214
PHRM312	Medicinal Chemistry-1	3	3	-	PHRM216
PHRM310	Instrumental Analysis	3	3	-	PHRM110 PHRM210 PHRM311 Co-requisite
PHRM311	Instrumental Analysis Practical	3	-	3	PHRM111 PHRM211 PHRM310 Co-requisite
PHRM332	Pharmaceutical Biotechnology	3	3	-	PHRM214
Total credits		17	15	6	
Third academic Year-second Semester					
Course Code and No.	Course name	Credit hours	theoretical	Practical	Prerequisite
PHRM313	Phytotherapy and Phytochemistry	3	3	-	PHRM216 PHRM314 Co-requisite
PHRM314	Phytotherapy and Phytochemistry Practical	1		3	PHRM313 Co-requisite
PHRM315	Medicinal Chemistry-2	3	3		PHRM312 PHRM316 Co-requisite
PHRM316	Medicinal Chemistry-2 Practical	1	-	3	PHRM315 Co-requisite
PHRM333	Pharmaceutical Technology-2	3	3	-	PHRM330
PHRM342	Biopharmaceutics	2	2	-	PHRM230
PHRM341	Pharmacology-2	3	3	-	PHRM340
Total credits		16	14	6	
Third academic Year-summer Semester					
Course Code and No.	Course name	Credit hours	theoretical	Practical	Prerequisite
HUM124	National Education	3	3	0	
PHRM460	Pharmacy Training-1	3	-	3	Successfully Pass 90 credit hours

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	Total credits	3	3	0
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Forth academic Year-first Semester					
Course Code and No.	Course name	Credit hours	theoretical	Practical	Prerequisite
PHRM440	Phytotherapy	2	2	-	PHRM313
PHRM450	Patient-centered Pharmaceutical Care	2	2	-	PHRM341 PHRM451 Co-requisite
PHRM451	Pharmacy Practice-1 Practical	1	-	3	PHRM341 PHRM450 Co-requisite
PHRM441	Therapeutics-1	3	3	-	PHRM341 PHRM312
PHRM452	Evidence-Based and drug information Pharmacy Practice	2	2	-	PHRM341 PHRM221
PHRM442	Clinical Biochemistry	3	3	-	PHRM216
PHRM443	Pharmacokinetics	2	2	-	PHRM342 PHRM444 Co-requisite
PHRM444	Case Studies in Pharmacokinetics	1	-	3	PHRM443 Co-requisite
Total credits		16	14	6	
Forth academic Year-second Semester					
Course Code and No.	Course name	Credit hours	theoretical	Practical	Prerequisite
PHRM445	Therapeutics-2	3	3	-	PHRM441
PHRM453	Pharmacy Practice-2 Practical	1	-	3	PHRM446 Co-requisite
PHRM430	Drug Delivery systems	2	2	-	PHRM333
PHRM442	Clinical Biochemistry	3	3	-	PHRM216
PHRM446	Non-Prescription Drugs	2	2	-	PHRM441 PHRM453 Co-requisite
PHRM454	Pharmaceutical Ethics and Legislations	3	3	-	PHRM340
PHRM447	Immunology	2	2	-	PHRM220 PHRM332
PHRM431	Cosmetics	2	2	-	PHRM333
Total credits		16	15	3	
Forth academic Year-summer Semester					
Course Code and No.	Course name	Credit hours	theoretical	Practical	Prerequisite
PHRM561	Pharmacy Training-2	3	-	3	PHRM441 PHRM455 Co-requisite
PHRM455	Clinical Pharmacy and Practice	1	-	3	PHRM445

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	Practical				PHRM561 Co-requisite
Total credits		4	0	6	

Fifth academic Year-first Semester					
Course Code and No.	Course name	Credit hours	theoretical	Practical	Prerequisite
PHRM540	Therapeutics-3	3	3	-	PHRM445
PHRM550	Pharmacoeconomics	3	3	-	PHRM340
PHRM541	Advanced Pharmacology and Toxicology	3	3	-	PHRM341 PHRM445
PHRM542	Health Informatics and Global and Public Health in Pharmacy	2	2	-	PHRM452
PHRM560	Principles of Business administration for Pharmacy	2	2	-	PHRM341
	Elective Core Course-1	3	3	-	
Total credits		16	16	0	
Fifth academic Year-second Semester					
Course Code and No.	Course name	Credit hours	theoretical	Practical	Prerequisite
PHRM551	Pharmaceutical Marketing	3	3	-	PHRM560
	Elective Core Course-2	3	3	0	
	Elective Core Course-3	3	3	0	
Total credits		9	9	0	