

B.Sc. in Pharmacy – Completion 2017

Total Credit: 88

Teaching Language: English

Detailed Study Plan

Year 1 - Semester 1

Course Code	Course Title	Course Hours				Course Type	Pre requisite	Major GPA
		Crdt	Lec	Lab	Clinical			
LFS 227	Pathophysiology	4	4	0	0	CR	<u>LFS 118 & LFS 128</u>	No
PHAM 310	Pharmacology II	4	4	0	0	MR	<u>PHAM 220</u>	Yes
PHAM 314	Law, Ethics, and Professionalism	2	2	0	0	MR	-----	Yes
HIST 122	Modern History of Bahrain and Citizenship	3	3	0	0	UR	-----	No
STAT 272	Introduction to Biostatistics	3	2	1	0	CR	-----	No
ISLM 101	Islamic Culture	3	3	0	0	UR	-----	No

Year 1 - Semester 2

Course Code	Course Title	Course Hours				Course Type	Pre requisite	Major GPA
		Crdt	Lec	Lab	Clinical			
PHAM 320	Pharmacology III	4	4	0	0	MR	<u>PHAM 220 & LFS 217</u>	Yes
PHAM 322	Pharmacotherapy I	4	4	0	0	MR	<u>PHAM 220 & LFS 227</u>	Yes
PHAM 326	Natural Health Products	3	3	0	0	MR	LFS 227	Yes
PHAM 328	Pharmaceutical Analysis	4	3	2	0	MR	<u>PHAM 210 & PHAM 220</u>	Yes
ARAB 110	Arabic Language Skills	3	3	0	0	UR	-----	No

Year 2 - Semester 1

Course Code	Course Title	Course Hours				Course Type	Pre requisite	Major GPA
		Crdt	Lec	Lab	Clinical			
PHAM 410	Pharmaceutical Technology	3	3	0	0	MR	PHAM 328	Yes
PHAM 412	Pharmacotherapy II	4	4	0	0	MR	PHAM 310 & PHAM 320 & PHAM 322	Yes
PHAM 414	Pharmacy Practicum II	4	0	0	12	MR	co-requisite PHAM 416	Yes
PHAM 416	Non-Prescription Drugs	4	3	2	0	MR	PHAM 220 & LFS 227	Yes
HCA 301	Leadership and Management in Healthcare Setting	3	3	0	0	MSR	-----	No

Year 2 - Semester 2

Course Code	Course Title	Course Hours				Course Type	Pre requisite	Major GPA
		Crdt	Lec	Lab	Clinical			
PHAM 420	Toxicology	3	3	0	0	MR	PHAM 412	Yes
PHAM 422	Pharmacotherapy III	4	4	0	0	MR	PHAM 310 & PHAM 320 & PHAM 322	Yes
PHAM 424	Pharmacy Practicum III	4	0	0	12	MR	PHAM 412 & PHAM 414	Yes
SBS 320	Research Methods	3	2	2	0	CR	CGS 211	No
HIST 122	Modern History of Bahrain and Citizenship	3	3	0	0	UR	-----	No
HRLC 107	Human Rights	2	2	0	0	UR	-----	No

Year 3 - Semester 1

Course Code	Course Title	Course Hours				Course Type	Pre requisite	Major GPA
		Crdt	Lec	Lab	Clinical			
PHAM 430	Graduation project	3	3	0	0	MR	CGS 211 & SBS 320	Yes
PHAM 432	Pharmacy Field Practice	8	0	0	24	MR	PHAM 420 & PHAM 422 & PHAM 424	Yes
PHAM 44X	Major Elective	3	3	0	0	ME	-----	Yes

Major Elective Courses

Course Code	Course Title	Course Hours				Course Type	Pre requisite	Major GPA
		Crdt	Lec	Lab	Clinical			
PHAM 440	Pharmacoeconomics	3	3	0	0	ME	-----	Yes
PHAM 441	Pharmacoepidemiology and Pharmacovigilance	3	3	0	0	ME	PHAM 312	Yes
PHAM 442	Cosmetics Science (Cosmetology)	3	3	0	0	ME	PHAM 210 & PHAM 412	Yes
PHAM 443	Molecular Biology and Pharmacogenomics	3	3	0	0	ME	PHAM 220 & MLS 205	Yes
PHAM 444	Evidence Based Pharmacy	3	3	0	0	ME	PHAM 322	Yes
PHAM 445	Business for Pharmacy (Pharmacy Logistics, Economics ,and Management)	3	3	0	0	ME	PHAM 314 & HCA 301	Yes