



Hebron University
Faculty of Pharmacy and Medical Sciences
Department of Pharmacy
Curriculum of BSc in Pharmacy 2022
155 Credit Hours

First Year (35 hrs)
First Semester

Course No.	Course Name	Credit Hours	Pre requisite
22100	University Requirement English Language	3	
41101	Calculus (1)	3	
42104	General Physics	3	
43104	General Chemistry	3	
43108	General Chemistry Lab	1	+43104
44101	General Biology (1)	3	
44105	General Biology Lab (1)	1	+44101
Total Credit Hour		17	

First Year
Second Semester

Course No.	Course Name	Credit Hours	Pre requisite
44102	General Biology (2)	3	44101
T1100	University Requirement (Computer Applications)	3	
81111	Organic Chemistry	3	43104
81113	Organic Chemistry Lab	1	+81111 43108
83102	Biostatistics	3	
	Pharmacy Elective	2	
Total Credit Hour		15	

Summer Semester
University Requirements:

(3 Cr. hrs)

Second Year (35 hrs, Total 70 hrs)**First Semester**

Course No.	Course Name	Credit Hours	Pre requisite
T1200	Computer Science For Medical Technology	3	T1100
81212	Pharmaceutical Organic Chemistry	3	81111
81214	Pharmaceutical Organic Chemistry Lab	1	+81212 81113
83211	Biochemistry (1)	2	44102 81111
84223	Anatomy and Physiology (1)	2	44101
84222	Anatomy and Physiology Lab	1	+84223 44105
82111	Physiochemical Principles of Pharmacy	2	43104
84272	First Aid and Public Health	1	
Total Credit Hour		15	

Second Year**Second Semester**

Course No.	Course Name	Credit Hours	Pre requisite
84213	Immunology	2	44102
81221	Analytical Chemistry	3	43104
81222	Analytical Chemistry Lab	1	+81221 43108
82212	Physical Pharmacy	2	82111
82213	Physical Pharmacy Lab	1	+82212
83212	Biochemistry (2)	3	83211
83213	Biochemistry (1) Lab	1	+83211 44105
84224	Anatomy and Physiology (2)	2	84223
Total Credit Hour		15	

Summer Semester**University Requirements:****(5 Cr. Hrs)**

Course No.	Course Name	Credit Hours	Pre requisite
	University Requirement	3	
	Pharmacy Elective	2	

Third Year (36 hrs, Total 106 hrs)**First Semester**

Course No.	Course Name	Credit Hours	Pre requisite
81355	Medicinal Chemistry (1)	3	81212 +84344
82231	Pharmaceutical Calculations and Compounding (1)	3	82111
83231	Pharmaceutical Microbiology (1)	3	44102
83321	Pharmacognosy	2	--
83322	Pharmacognosy Lab	1	+83321
84331	Pathology	2	84224
84344	Pharmacology (1)	4	84224
Total Credit Hour		18	

Third Year**Second Semester**

Course No	Course Name	Credit Hours	Pre requisite
81341	Phytochemistry	3	81212 83321
81342	Phytochemistry Lab	1	+81341 81222 83322
81356	Medicinal Chemistry (2)	3	81355
82232	Pharmaceutical Calculations and Compounding (2)	3	82231
82233	Pharmaceutical Calculations and Compounding Lab	1	+82232
83332	Pharmaceutical Microbiology (2)	2	83231
83333	Pharmaceutical Microbiology Lab	1	+83332
84345	Pharmacology(2)	4	84344
Total Credit Hour		18	

Summer Semester

Course No	Course Name	Financial Hours	Practical hours	Pre requisite
80301	Pharmaceutical Training (1)	1*	360	84345**

*Financial hour

** Success is mandatory

Students training should be at a community and/or a hospital pharmacy and/or a pharmaceutical company. The total training is 720 practical hrs which are divided into two periods each one includes 360 practical hrs after the 3rd and the 4th Year.

Also, students can have their training during semester time of the 4th and 5th years.

During this training all students will be supervised and evaluated according to the regulations of the Faculty of Pharmacy and Medical Sciences.

This is a none credited course.

Fourth Year (31 hrs, Total 137 hrs)**First Semester**

Course No	Course Name	Credit Hours	Pre requisite
81354	Medicinal Chemistry Lab	1	+81356, 81214
81331	Instrumental Analysis	3	81221
82325	Pharmaceutical Technology	3	82232
82326	Pharmaceutical Technology Lab	1	+82325 82233
83301	Nutrition	2	
84451	Therapeutics (1)	3	84345
84461	Biopharmaceutics	2	82111
Total Credit Hour		15	

Fourth Year**Second Semester**

Course No	Course Name	Credit Hours	Pre requisite
	University Elective	3	
	University Requirement	3	
	University Elective	3	
81332	Instrumental Analysis Lab	1	+81331 81222
84452	Therapeutics (2)	3	84451
84464	Pharmacokinetics	3	+84461
Total Credit Hour		16	

Summer Semester

Course No	Course Title	Financial Hours	Practical hours	Pre requisite
80402	Pharmaceutical training (2)	1*	360	**80301

*Financial hour

** Success is mandatory

Students training should be at a community and/or a hospital pharmacy and/or a pharmaceutical company. The total training is 720 practical hrs which are divided into two periods each one includes 360 practical hrs after the 3rd and the 4th Year. Also, students can have their training during semester time of the 4th and 5th years.

During this training all students will be supervised and evaluated according to the regulations of the Faculty of Pharmacy and Medical Sciences

This is a none credited course.

Fifth Year**First Semester (18 hrs, Total 155 hrs)**

Course No	Course Name	Credit Hours	Pre requisite
61300	University Requirement (Creer Readiness and Employability skills)	2	
84576	Pharmacy Regulations and Ethics	1	
61200	University Requirement (Entrepreneurship and Innovation)	2	
81461	Research in Pharmaceutical sciences	3	83102
84373	Pharmaceutical Promotion and Marketing (1)	2	84372
84481	Toxicology	2	84345
Total Credit Hour		12	

Fifth Year**Second Semester**

Course No	Course Name	Credit Hours	Pre requisite
	Pharmacy Elective	2	
	Pharmacy Elective	2	
84546	Nonprescription Drugs	2	84345
Total Credit Hour		6	