Study Plan for bachelor's degree
in Pharmacy (2026-2027)
(160 Credit Hours)

First: University Requirements (27 Credit Hours)

1-University Compulsory: (18 Credit Hours)

Course No.	Course Name	Credit hours	Pre-requisite	Delivery Method
0116002	Military sciences*	3	---	Online
0116101	National education	3	---	Online
0116103	Communication skills (Arabic)	3	0116099	Face to face
0116107	Communication skills (English 1)	3	0116098	Face to face
0116108	Communication skills (English 2)	3	0116107	Face to face
0116102	Leadership Skills, Creativity & Entrepreneurship	3	---	Online
0116109	Community service	0	---	Online

***Compulsory for Jordanian students, and optional for non-Jordanians.**

2- University Electives: (9 credit hours)

The student studies (9) credit hours from the following table: -

Course No.	Course Name	Credit hours	Pre requisite	Delivery Method
0116116	Personal and Professional Skills	3	Department approval	Blended
0116117	Financial and Economic Literacy	3	Department approval	Blended
0116111	Language Skills (1) (European or Eastern Languages)	3	Department approval	Blended
0116112	Language Skills (2) (European or Eastern Languages)	3	0116111	Blended
0116113	Language Skills (3) (European or Eastern Languages)	3	0116112	Blended
0216113	Sustainable Development and the Environment	3	Department approval	Blended

- All students should submit a Placement Test in Arabic, English and Computer Skills. Those who fail any of these exams (<50%) should study the respective remedial course.
- All remedial courses are non-credit courses.
- Remedial Arabic 0116099
- Remedial English 0116098
- Remedial Computer Skills 0216099

Second: Faculty Compulsory Requirements (25 Credit Hours)

Course No.	Course Name	Credit hours	Pre-requisite	Delivery Method
0216122	Mathematics and biostatistics	3	---	Face to face
0216145	General chemistry for health sciences	3	---	Face to face
0216155	General biology for health sciences	3	---	Face to face
0510120	Pharmaceutical organic chemistry (1)	3	0216145	Face to face
0521122	Anatomy and physiology (1)	3	0216155	Face to face
0521124	Pharmaceutical analytical chemistry	3	0216145	Face to face
0510123	Pharmaceutical analytical chemistry-practical	1	Co-requisite 0521124	Face to face
0521211	Pharmaceutical organic chemistry (2)	2	0510120	Face to face
0510205	Pharmaceutical organic chemistry-practical	1	Co-requisite 0521211	Face to face
0521216	Anatomy and physiology (2)	3	0521122	Face to face

Third: Core Requirements :(108) credit hours

A- Compulsory Core Requirements (102)credit hours

Course No.	Course Name	Credit hours	Pre- requisite	Delivery Method
0510206	Pharmaceutical instrumental analysis	3	0521124	Face to face
0510207	Pharmaceutical instrumental analysis-practical	1	Co-requisite 0510206	Face to face
0520224	Physical pharmacy	3	0216122+ *0216099	Blended
0510220	Pharmaceutical biochemistry	3	0521211	Blended
0510223	Medical Pharmacognosy	3	0521211	Blended
0510222	Pharmacognosy and phytochemistry-practical	1	Co-requisite 0510223	Face to face
0520303	Pharmaceutics (1)	3	0520224	Face to face
0520300	Pathophysiology	3	0521216	Blended
0510310	Pharmaceutical medicinal chemistry (1)	3	0521211	Face to face
0520322	Pharmaceutics (2)	3	0520303	Blended
0520324	Pharmaceutics - practical	1	Co-requisite 0520322	Face to face
0520301	Microbiology and immunology	3	0510220	Face to face
0520302	Microbiology and immunology - practical	1	Co-requisite 0520301	Face to face
0510325	Pharmaceutical medicinal chemistry (2)	3	0510310	Face to face
0520325	Pharmaceutical microbiology	2	0520301	Face to face
0510415	Clinical biochemistry	3	0510220	Blended
0510416	Clinical biochemistry - practical	1	Co-requisite 0510415	Face to face
0521414	Pharmaceutical medicinal chemistry (3)	3	0510325	Face to face
0521412	Pharmaceutical medicinal chemistry-practical	1	Co-requisite 0521414	Face to face
0510513	Pharmaceutical biotechnology	3	0510415	Blended

0521314	Pharmacology (1)	3	0520300	Face to face
0520430	Cosmetics	2	0520322	Online
0521323	Pharmacology (2)	3	0521314	Face to face
0521324	Pharmacology (3)	3	0521323	Blended
0521415	Clinical Toxicology	3	0521314	Blended
0520420	Industrial pharmacy	3	0520322	Face to face
0521518	Pharmacy practice & Pharmaceutical Communication Skills	3	0521314	Face to face
0521418	Over-the- counter (OTC) medications	2	0521323	Face to face
0521417	Pharmacy training I	3	0521314 & passing 90 credit hours	Face to face
0520431	Biopharmaceutics and pharmacokinetics	3	0521323	Blended
0521423	Clinical pharmacy and therapeutics (1)	3	0521323	Blended
0521427	Advanced Pharmaceutical technology	3	0520420	Face to face
0520425	Pharmaceutical technology – practical	1	Co-requisite 0521427	Face to face
0521528	Regulatory affairs & Pharmaceutical Legislations	2	passing 90 credit hours	Online
0521512	Clinical pharmacy and therapeutics (2)	3	0521423	Face to face
0521525	Pharmacoeconomics & Pharmaceutical Marketing	3	passing 90 credit hours	Face to face
0521519	Artificial intelligence in Pharmacy	3	0216122 & passing 90 credit hours	Online
0521517	Pharmacy training II	3	0521417	Face to face
0521521	Clinical Pharmacy and therapeutics (3)	3	0521423 & 0521324	Face to face
0520516	Clinical pharmacokinetics	2	0520431	Face to face
0520517	Clinical applications in pharmacokinetics – practical	1	Co-requisite 0520516	Face to face

*** Passing Placement test in the respective remedial course.**

B- Elective Core Requirements (6) Credit hours :

Course No.	Course Name	Credit hours	Pre-requisite	Delivery Method
0521531	Epidemiology and Vaccines	3	0520325	Face to face
0510525	Medicinal quality control & assurance	3	0521427	Blended
0521526	Para Pharmaceuticals	3	0521423	Online
0521523	Evidence based practice	3	0521512	Face to face

Note:

Pharmacy Training 1 and 2: each of them is equivalent to 160 actual training hours with a total of 320 hours for complete training.

The training could be in a Community Pharmacy and/or other Pharmaceutical Association with a maximum of 50% (Student Guide).