

Al-Ahliyya Amman University
Faculty of Pharmacy
Study Plan for Pharmacy (B) 2019-2020
(162 Credit Hours)



First: University Requirements, (24) Credit Hours

1) Compulsory University Requirements: (12) Credit Hours

Course No	Course Title	Cr.H	Prerequisite	Exception
A0161101	Arabic Communication Skills	3	A0161100	-
A0161201	English Communication Skills	3	A0161200	-
A0161301	Civic Education	3	-	-
A0161401	Military Sciences	3	-	Non Jordanian

2) Elective University Requirements: (12) Credit Hours

A) Group 1 (maximum of 6 credit hours)

Course No	Course Title	Cr.H	Department	Exception
A0161501	Islamic Culture	3	Humanities & Social Sciences	-
A0161601	Contemporary Issues	3	Humanities & Social Sciences	-
A0161701	History of Jordan and Palestine	3	Humanities & Social Sciences	-
A0161901	Media and Public Relations	3	Design of Cinema, TV and Theatre	-
A0411601	Legal Education and Human Rights	3	Law	Law Students
A0571401	Tourism in Jordan	3	Marketing	Marketing Students

B) Group 2 (maximum of 6 credit hours)

Course No	Course Title	Cr.H	Department	Exception
A0161602	Critical Thinking Skills	3	English language and Literature	-
A0161603	Entrepreneurship Skills	3	Special Education	-
A0161801	Environmental and Public Safety	3	Humanities & Social Sciences	-
A0181100	Sport and Health	3	Physical Education	Physical Education students
A0612303	Community Health	3	Nursing	Nursing Students
A0871103	Principles of Renewable Energy	3	Engineering	Engineering Students

Second: Faculty Requirements, (24) Credit Hours

Course No	Course Title	Cr.H	Prerequisite	Co-requisite
A0111101	Calculus (1)	3	-	-
A0111201	General Physics (1)	3	-	-
A0111301	General Chemistry	3	-	-
A0111302	Practical General Chemistry	1	-	A0111301
A0111401	General Biology	3	-	-
A0111402	Practical General Biology	1	-	A0111401
A0341701	Computer Skills (Health)	3	A0331200	-
A1111101	Anatomy & Histology	3	A0111401	-
A0914501	First Aid	1	A1112103	-
A1112103	Pathology	3	A1112204	-

Third: Major Requirements, (114) Credit Hours

A) Compulsory Major Requirements: (95) Credit Hours

Course No	Course Title	Cr.H	Prerequisite	Co-requisite
A0912103	Pharmaceutical Instrumental Analysis	2	A1112602	-
A0912104	Practical Pharmaceutical Instrumental Analysis	1	-	A0912103
A0912105	Physical Pharmacy	3	A0111201 A0111301 A0912107	-
A0912106	Practical Physical Pharmacy	1	-	A0912105
A0912107	Pharmaceutical Organic Chemistry	3	A0111301	-
A0912108	Practical Pharmaceutical Organic Chemistry	1	-	A0912107
A0913103	Phytochemistry	3	A1112204	-
A0913104	Practical Phytochemistry	1	-	A0913103
A0913201	Pharmaceutics (1)	3	A0912105	-
A0913202	Pharmaceutics (2)	3	A0913201	-
A0913203	Practical Pharmaceutics	1	-	A0913202
A0913302	Pharmacology (1)	3	A1112204	-
A0913303	Microbiology	2	A1112204	-
A0913304	Pharmacology (2)	2	A0913302	-
A0913305	Pharmaceutical Microbiology	2	A0913303	-
A0913306	Practical Pharmaceutical Microbiology	1	-	A0913305
A0913307	Community Pharmacy Training	2	A0913302	-
A0913308	Hospital Pharmacy Training	2	A0913307 A0913304	-
A0914101	Medicinal Chemistry (1)	2	A0912107 A0913304	-
A0914105	Clinical Biochemistry	2	A1112304 A0913304	-
A0914106	Practical Clinical Biochemistry	1	-	A0914105
A0914104	Medicinal Chemistry (2)	3	A0914101	-
A0914201	Industrial Pharmacy (1)	3	A0913202	-
A0914202	Biopharmaceutics & Pharmacokinetics	3	A0913202 A0913304	-
A0914203	Practical Biopharmaceutics & Pharmacokinetics	1	-	A0914202
A0914204	Industrial Pharmacy (2)	2	A0914201	-
A0914205	Practical Industrial Pharmacy	1	-	A0914204
A0914301	Pharmacology (3)	2	A0913304	-
A0914302	Toxicology	2	A0913304	-
A0914303	Practical Pharmacology and Toxicology	1	-	A0914302
A0914410	Phytotherapy	2	A0913103	-
A0915101	Medicinal Chemistry (3)	2	A0914104	-
A0915102	Practical Medicinal Chemistry	1	-	A0915101
A0915103	Drug Design	2	A0914104	-

Continued – Compulsory Major Requirements...

A0915201	Pharmacoeconomics	3	A0915401	-
A0915202	Cosmetics	2	A0913202	-
A0915301	Pharmacotherapy (1)	3	A0913304 A0914105	-
A0915305	Practical Pharmacotherapy (1)	1	-	A0915301
A0915306	Pharmacotherapy (2)	3	A0915301	-
A0915307	Practical Pharmacotherapy (2)	1	-	A0915306
A0915308	Advanced Training	2	A0913308 A0915301	-
A0915401	Pharmaceutical Technology	3	A0914202	-
A0915402	Pharmaceutical Biotechnology	3	A1112304 A0913305	-
A0915403	Pharmaceutical Marketing	3	A0915201	-
A0915501	Pharmacy Practice	3	A0913304	-
A0915502	Pharmacy Law and Legislations	1	A0913202	-
A0915505	Research Graduation Project	1	A0915301	-

B) Ancillary Major Requirements: (13) Credit Hours

Course No	Course Title	Cr.H	Prerequisite	Co-requisite
A1112204	Physiology	3	A1111101	-
A1112304	Biochemistry	3	A0111401 A0912107	-
A1112303	Practical Biochemistry	1	-	A1112304
A1112602	Analytical Chemistry	2	A0912107	-
A1112603	Practical Analytical Chemistry	1	-	A1112602
A1113504	Immunology and Serology	3	A0913303	-

C) Elective Major Requirements: (6) Credit Hours

Course No	Course Title	Cr.H	Prerequisite	Co-requisite
A0912501	Biostatistics	2	A0111101	-
A0914304	Chemotherapy	2	A0914301	-
A0915304	Drug Information and Poison Control	2	A0914302	-
A0915404	Communication Skills	2	A0915501	-
A0915503	Quality Control and Drug Analysis	2	A0915101	-
A0915504	Scientific Research Methods	2	A0915301	-

Fourth: Remedial Requirements (For students who have not passed the level exam)

Course No	Course Title	Cr.H	Prerequisite	Co-requisite
A0161100	Remedial Arabic	3	-	-
A0161200	Remedial English	3	-	-
A0331200	Remedial Computer Skills	3	-	-

Graduation Requirements:

- 10 hours Community Service.
- Pharmacy Training:
- (720) hours of pharmacy training “ pharmacy training subjects (A0913307 + A0913308 + A0915308) “ (as graduation requirement for all students) in addition to (720) hours of pharmacy training, a total of (1440) as a Pharmacy Syndicate requirement for Jordanian students (only).