

Al-Ahliyya Amman University

Faculty of Allied Medical Sciences

(137) Credit Hours

Study Plan 2019-2020 for Medical Laboratory Sciences

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	National Education	3	-	-
A0161401	Military Sciences	3	-	Non-Jordanian

2) Elective University Requirements (12) Credit Hours. Student can choose from these (2) group.

group (1) (Maximum (6) Credit Hours)

Course No	Course Title	Cr. H	Exception
A0161501	Islamic Culture	3	
A0161601	Contemporary Issues	3	
A0161701	History of Jordan and Palestine	3	
A0161901	Media and Public Relations	3	
A0411601	Legal Education and Human Rights	3	Law Students
A0161703	Archeology and Tourism in Jordan	3	Marketing Department Students

group (2) (Maximum (6) Credit Hours)

Course No	Course Title	Cr. H	Exception
A0161602	Critical Thinking Skills	3	-
A0161603	Entrepreneurship Skills	3	-
A0161801	Environment and Public Safety	3	-
A0181100	Sport and Health	3	Department of Physical and Health Education
A0612303	Community Health	3	Faculty of Nursing Students
A0871103	Principles of Renewable Energy	3	Electrical Engineering Department

Second: Faculty Compulsory Requirements (22) Credit Hours

Course No	Course Title	Cr.H	Prerequisite	Concurrent
A0111103	(Mathematics (1)	3	-	-
A0111201	General Physics(1)	3	-	-
A0111301	General Chemistry	3	-	A0111302
A0111401	General Biology	3	-	A0111402
A0341701	Computer Skills (Health)	3	A0331700	-
A0914501	First Aid	1	A1112103	-
A1111101	Anatomy & Histology	3	A0111401	A1111102 A1111105
A1112103	Pathology	3	A1112201	A1112202



Third: Major Requirements (91) Credit Hours

A) Compulsory Major Requirements (81) Credit Hours

Course No	Course Title	Cr.H	Prerequisite	Concurrent
A1111102	Practical Anatomy & Histology	1	-	-
A1111105	Medical Terms	1	-	-
A1111601	Organic Chemistry	3	A0111301	-
A1112101	Light Microscopic Techniques	2	A1111101	A1112102
A1112102	Practical Light Microscopic Techniques	1	-	-
A1112201	Physiology (1)	2	A1111101	-
A1112202	Physiology (2)	2	A1112201	A1112203
A1112203	Practical Physiology	1	-	-
A1112301	Biochemistry(1)	2	A1111601 A0111401	-
A1112302	Biochemistry(2)	2	A1112301	A1112303
A1112303	Practical Biochemistry	1	-	-
A1112602	Analytical Chemistry	2	A1111601	A1112603
A1112603	Practical Analytical Chemistry	1	-	-
A1112604	Medical Laboratory Instrumentation and Methodology	2	A1112602	-
A1113301	Clinical Chemistry (1)	3	A1112301 A1112103	A1113302
A1113302	Practical Clinical Chemistry (1)	1	-	-
A1113303	Clinical Chemistry (2)	3	A1113301	A1113304
A1113304	Practical Clinical Chemistry (2)	1	-	-
A1113305	Diagnostic Molecular Biology	3	A0111401 A1112301	A1113306
A1113306	Practical Diagnostic Molecular Biology	1	-	-
A1113401	Microbiology	3	A1112202	A1113402
A1113402	Practical Microbiology	1	-	-
A1113403	Medical Parasitology	2	A1112202	A1113404
A1113404	Practical Medical Parasitology	1	-	-
A1113405	Diagnostic Microbiology	3	A1113401	A1113406
A1113406	Practical Diagnostic Microbiology	1	-	-
A1113501	Diagnostic Hematology (1)	2	A1112202 A1112103	-
A1113502	Diagnostic Hematology (2)	2	A1113501	A1113503
A1113503	Practical Diagnostic Hematology	1	-	-

...Follow Compulsory Major Requirements

A1113504	Immunology & Serology	3	A1113401	A1113505
A1113505	Practical Immunology & Serology	1	-	-
A1113506	Blood Transfusion & Blood Banking	2	A1113501	A1113507
A1113507	Practical Blood Transfusion & Blood Banking	1	-	-
A1114201	Clinical Endocrinology	3	A1112201 A1112103	-
A1114301	Toxin and Body Fluid Analysis	2	A1113303	-
A1114401	Medical Virology & Mycology	2	A1113401	-
A1114605	Quality Control & Laboratory Management	2	A1113303	-
A1114606	Ethics & Safety Regulations in Medical Laboratory Sciences	1	A1113401	-
A1114607	Seminar in Biomedical Sciences	1	A1113303	-
A1114700	Field Practical Training (1)	6	(Finished 120 Credit Hours) A1113405 A1113303 A1113502 A1113504 A1113305	-
A1114701	Field Practical Training (2)	6	-	A1114700

B) Supporting Department Requirements (4) Credit Hours

Course No	Course Title	Cr.H	Prerequisite	Concurrent
A0111302	Practical General Chemistry	1	-	-
A0111402	Practical General Biology	1	-	-
A0912501	Biostatistics	2	A0111103	-

c) Elective Department Requirements (6) Credit Hours

Course No	Course Title	Cr.H	Prerequisite	Concurrent
A1114302	Biotechnology Application in Laboratory Medicine	3	A1112302	-
A0612207	Growth & Development	3	-	-
A0612302	Nutrition in Health and Disease	3	-	-
A0913307	Pharmacology For Nursing	3	A1112103	-

Fourth: Remedial Requirements (to a student who has not passed the exam level)

Course No	Course Title	Cr.H	Prerequisite
A0161100	Arabic language(Remedial)	3	-
A0161200	English language(Remedial)	3	-
A0331700	Computer Skills(Remedial)	3	-

Community Service requirement is a mandatory requirement (10) hours of serv



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