



Al-Balqa Applied University

Curriculum for the Master Degree in Medical Analysis / Comprehensive Track

The curriculum for the master degree in (Medical Analysis) consists of (33) credit hours distributed as follows:

Track	Requirements	Credit Hours (Cr. H.)
Thesis	A. Compulsory Courses	24
	B. Elective Courses	9
	C. Comprehensive Exam	-
	Total	33



STUDY PLAN
MASTER IN (Medical Analysis)
(Comprehensive Track)

I. GENERAL RULES AND CONDITIONS:

- 1- This plan conforms to the regulations of the general frame for graduate studies programs.
- 2- Areas of specialty of admission in this program:
 - (a) Bachelor of Medical Laboratory and Medical Laboratory Sciences
 - (b) Bachelor of Biology
 - (c) Bachelor of Biotechnology

II. SPECIAL CONDITIONS: Remedial materials

Course Number	Course Title	Credit Hours
30205351	Hematology	3
30305455	Immunology and serology	3
30305351	Medical Microbiology	3

III. THE PLAN:

A. Compulsory Courses: (24credit hours) as follows:

Course Number	Course Title	Credit Hours	Prerequisite
50305821	Advanced Clinical Chemistry	3	None
50305831	Advanced Clinical Microbiology	3	None
50305832	Advanced Clinical Immunology and Serology	3	None
50305841	Advanced Clinical Hematology	3	None
50305851	Diagnostic Molecular Biology	3	None
50305862	Scientific Research Methodology	3	None
50305834	Advanced Clinical virology	3	None
50305867	Graduation project	3	The students must complete 21 hours

B. Elective Courses: (9 credit hours) selected from the following:

Course Number	Course Title	Credit Hours	Prerequisite
50305822	Clinical Enzymology	3	None
50305823	Clinical Endocrinology	3	None
50305824	Forensic Medical Analysis	3	None
50305833	Infectious Diseases and Epidemiology	3	None
50305835	Advanced Clinical Parasitology	3	None
50305843	Blood Banking and Blood Transfusion	3	None
50305853	Human Cytogenetics	3	None



50305860	Pathophysiology	3	None
50305861	Lab Management and Instruments	3	None
50305863	Animal Tissue Culture	3	None
50305864	Bioinformatics	3	None
50305865	Special Topics in Medical Analysis	3	The students should have completed 9 hours

C. Comprehensive Exam (0 credit hour) as follows:

Course Number	Course Title	Credit Hours	Prerequisite
50305896	Comprehensive Exam	0	Pass the credit hours required in the plan