

Master of Science in Medical Microbiology

الخطة الدراسية لبرنامج (ماجستير العلوم في الأحياء الدقيقة الطبية)

First path (Course work and Thesis)

Level	Course Code	Course Title	Required or Elective	Pre-Requisite Courses	Credit Hours	Contact Hours
Level 1	LABM60101	Medical Bacteriology 1	Required	N/A	3	(2+2)
	LABM60102	Medical Mycology	Required	N/A	2	(1+2)
	LABM60103	Microbial Genetics	Required	N/A	2	(2+0)
	LABM60104	Biostatistics	Required	N/A	2	(2+0)
Level 2	LABM60201	Medical Bacteriology 2	Required	LABM60101	2	(1+2)
	LABM60202	Immunology	Required	N/A	2	(2+0)
	LABM60203	Medical Virology	Required	N/A	3	(2+2)
	LABM60204	Molecular Diagnostic Techniques	Required	N/A	2	(0+4)
Level 3	LABM60301	Medical Parasitology	Required	N/A	3	(2+2)
	LABM60302	Microbial Resistance	Required	N/A	2	(2+0)
	LABM60303	Bioinformatics	Required	N/A	2	(2+0)
	LABM60304	Analysis and Design of Research Studies	Required	N/A	2	(2+0)
Level 4	THES60002	Thesis	Required		6	(6+0)



تابع ... الخطة الدراسية لبرنامج (ماجستير العلوم في الأحياء الدقيقة الطبية)

Second path (Coursework and Project)

Level	Course Code	Course Title	Required or Elective	Pre-Requisite Courses	Credit Hours	Contact Hours
Level 1	LABM60101	Medical Bacteriology 1	Required	N/A	3	(2+2)
	LABM60102	Medical Mycology	Required	N/A	2	(1+2)
	LABM60103	Microbial Genetics	Required	N/A	2	(2+0)
	LABM60104	Biostatistics	Required	N/A	2	(2+0)
Level 2	LABM60201	Medical Bacteriology 2	Required	LABM60101	2	(1+2)
	LABM60202	Immunology	Required	N/A	2	(2+0)
	LABM60203	Medical Virology	Required	N/A	3	(2+2)
	LABM60204	Molecular Diagnostic Techniques	Required	N/A	2	(0+4)
Level 3	LABM60301	Medical Parasitology	Required	N/A	3	(2+2)
	LABM60302	Microbial Resistance	Required	N/A	2	(2+0)
	LABM60303	Bioinformatics	Required	N/A	2	(2+0)
	LABM60304	Analysis and Design of Research Studies	Required	N/A	2	(2+0)
Level 4		Elective course (1) from group A	Elective	None	3	(3+0)
		Elective course (2) from group B	Elective	None	3	(3+0)
	PROJ60002	Research Project	Required		3	(3+0)



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Elective Courses :

Elective course group	Course Code	Course Title	Required or Elective	Pre-Requisite Courses	Credit Hours	Contact Hours
Group A	LABM60401	Topics in advanced medical bacteriology	Elective	LABM60201	3	(3+0)
	LABM60402	Topics in advanced medical virology	Elective	LABM60203	3	(3+0)
	LABM60403	Topics in advanced medical parasitology	Elective	LABM60301	3	(3+0)
	LABM60404	Zoonoses	Elective	N/A	3	(3+0)
	LABM60405	Biological Warfare and Emergency Response	Elective	N/A	3	(3+0)
Group B	LABM60406	Clinical immunology	Elective	LABM60202	3	(2+2)
	LABM60407	Topics in advanced molecular techniques	Elective	LABM60204	3	(2+2)
	LABM60408	Topics in advanced bioinformatics	Elective	LABM60303	3	(2+2)

