

Master of Science in Microbiology

الخطة الدراسية لبرنامج (ماجستير العلوم في الأحياء الدقيقة)

First track (Courses + Thesis)

Level	Course Code	Course Title	Required or Elective	Pre-Requisite Courses	Credit Hours
Level 1	MIC60101	Advanced Bacteriology	Required	None	2
	MIC60102	Advanced Mycology	Required	None	2
	MIC60103	Advanced Virology	Required	None	2
	MIC60104	Molecular Biology	Required	None	3
Level 2	MIC60201	Special Topics in Pathogenesis of Microbial Diseases	Required	None	3
	MIC60202	Biostatistics and Experimental Design	Required	None	2
		Elective I from Group A	Elective	None	2
		Elective II from Group A	Elective	None	2
Level 3	MIC60301	Microbial Genetics	Required	None	2
	MIC60302	Food Microbiology	Required	None	2
	MIC60303	Seminar	Required	None	1
		Elective III from Group B	Elective	None	2
		Elective IV from Group B	Elective	None	2
Level 4	THES60002	Thesis	Required		6



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

Second track (Courses + Research Project)

Level	Course Code	Course Title	Required or Elective	Pre-Requisite Courses	Credit Hours
Level 1	MIC60101	Advanced Bacteriology	Required	None	2
	MIC60102	Advanced Mycology	Required	None	2
	MIC60103	Advanced Virology(lecture+ lab)	Required	None	2
	MIC60104	Molecular biology	Required	None	3
Level 2	MIC60201	Special Topics in Pathogenesis of Microbial Diseases	Required	None	3
	MIC60202	Biostatistics and Experimental Design	Required	None	2
		Elective I from Group A	Elective	None	2
		Elective II from Group A	Elective	None	2
Level 3	MIC60301	Microbial Genetics	Required	None	2
	MIC60302	Food Microbiology	Required	None	2
	MIC60303	Seminar	Required	None	1
		Elective III from Group B	Elective	None	2
		Elective IV from Group B	Elective	None	2
Level 4	PROJ60002	Research project	Required	Passed all core courses	3
		Elective V from Group C	Elective	None	2
		Elective VI from Group C	Elective	None	2
		Elective VII from Group C	Elective	None	2



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

Elective Courses List :

No	Course Code	Course Title	Required or Elective	Pre-Requisite Courses	Credit Hours
Group A					
1	MIC60203	Advanced Phycology	Elective	None	2
2	MIC60204	Microbial toxins	Elective	None	2
3	MIC60205	Research Animal Facility	Elective	None	2
4	MIC60206	Primates model in Research	Elective	None	2
Group B					
5	MIC60304	Advanced Immunology	Elective	None	2
6	MIC60305	Handling and Anesthesia of Laboratory Animals	Elective	None	2
7	MIC60306	Plant Pathology	Elective	None	2
8	MIC60307	Microbial Plant Diseases Control	Elective	None	2
Group C					
9	MIC60401	Infectious Diseases of Animals	Elective	None	2
10	MIC60402	Vaccinology	Elective	None	2
11	MIC60403	Epidemiology	Elective	None	2
12	MIC60404	Diseases of Global impact	Elective	None	2
13	MIC60405	Soil Microbiology	Elective	None	2

