



Study plan Bachelor of Medical Lab Department for the year 2022-2023

	Course Code	First semester				Second semester				
		Course Name	Credit Hours		Total Credit Hours	Course Name		Credit Hours		Total Credit Hours
			Th	Pra				Th	Pra	
First year	ARB 101	Arabic language (1)	2	-	2	ISL 101	Islamic Culture	2	-	2
	ENG 101	English (1)	2	-	2	ENG 102	English (2)	2	-	2
	ITP 101	Computer skills (1)	2	1	3	ITP 111	Computer skills (2)	2	1	3
						ARB 102	Arabic language (2)	2	-	2
	BIO 111	Biology	2	1	3	PHS 111	Medical Physics	2	1	3
	CHM 111	General Chemistry	2	1	3	MLS 171	Laboratory techniques	2	1	3
	COM 101	Communication skills	2	-	2	BIO 112	Anatomy	2	1	3
	Total number of hours	12	3	15		Total number of hours	14	4	18	

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			Th	Pra				Th	Pra	
Second year	BIO 213	Human Physiology	2	-	2	MLS 221	Pathology	2	1	3
	BIO 214	Histology	2	1	3	MLS 254	Medical Helminthology	2	1	3
	MLS 251	Medical protozoology	2	1	3	MLS 253	Basic Immunology	2	1	3
	MLS 231	Biochemistry (1)	2	1	3	MLS 232	Biochemistry (2)	2	1	3
	BIO 215	General Microbiology	2	1	3	MLS 252	Medical bacteriology (1)	2	1	3
	CHM 212	Analytical Chemistry	2	1	3	MLS 241	Hematology (1)	2	1	3
	CHM 213	Organic Chemistry	2	1	3					
	Total number of hours	14	6	20		Total number of hours	12	6	18	

Head of Dept.

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			Th	Pra				Th	Pra	
Third Year	MLS 355	Medical bacteriology (2)	2	1	3	MLS 324	Entomology	2	1	3
	MLS 342	Hematology (2)	2	1	3	MLS 343	Hematology (3)	2	1	3
	MLS 333	Clinical chemistry (1)	2	1	3	MLS 334	Clinical chemistry (2) (Hormones)	2	1	3
	MLS 345	Blood bank	2	1	3	MLS 335	Body fluids	2	1	3
	MLS 356	Medical Mycology	2	1	3	MLS 357	Medical Virology	2	1	3
	MLS 322	Epidemiology	2	-	2	MLS 358	Food and Water microbiology	2	1	3
	MLS 323	Molecular biology	2	-	2					
		Total number of hours	14	5	19		Total number of hours	12	6	18

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			Th	Pra				Th	Pra	
Fourth year	MLS 463	Diagnostic parasitology	2	1	3	MLS 491	Graduation project	2	-	2
	FIP 411	First Aid and public health	2	1	3	MLS 464	Diagnostic Immunology	2	1	3
	MLS 461	Diagnostic Hematology	2	1	3	MLS 473	Laboratories Quality control	2	-	2
	MLS 462	Diagnostic Microbiology	2	1	3	MLS 492	Medical laboratory Seminars	2	-	2
	RES 411	Research methodology and biostatistics	2	-	2	MLS 425	Toxicology	2	-	2
	MLS 472	Ethics	2	-	2					
	MLS 444	Blood coagulation	2	1	3					
		Total number of hours	14	5	19		Total number of hours	10	1	11

Total credit hours: 138 hour

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