

Study Plans - English

Major : Medical Laboratories Science / Bachelor **Plan Semester** : 20251
Faculty : Faculty of Natural & Health Sciences **Section** : Medical Laboratories Science
Plan Hrs : 138 **Plan Type** : Major
Min Semester : 7 **Semester(s)** Training : Not Found **Edition** : 1 **Study Type**: Morning
Max Semester : 18 **Semester(s)** Training Hrs : **Thesis Type** : Nothing

Category : University Requirements

Hrs : (17) Hrs

Group : Compulsory

Hrs : (17) Hrs

course	Course Name	Hrs	Prerequisite Courses	Prerequisit Hrs
UR00101	Arabic Language	3		
UR00111	English Language I	3		
UR00112	English Language II	3		
UR00124	Fundamentals of Artificial Intelligence	3		
UR00125	First Aid & Life Support	2		
UR00126	Palestinian Studies	2		
UR00141	Leadership and Communication Skills	1		

Category : College Requirements

Hrs : (16) Hrs

Group : Compulsory

Hrs : (16) Hrs

course	Course Name	Hrs	Prerequisite Courses	Prerequisit Hrs
NHFR110	General Biology	3		
NHFR112	General Chemistry	3		
NHFR113	General Chemistry Lab	1		
NHFR126	Quality,safety & Ethics in Health	2		
NHFR131	Public Health	2		
NHFR219	Introduction to Epidemiology	2		
NHFR220	Basic Math & Biostatistics of health	2		
NHFR222	Heart saver and BLS	0		
NHNS320	Nutrition across human life span	1		

Category : Compulsory Major Requirements

Hrs : 105) Hrs

Group : Compulsory

Hrs : 102) Hrs

course	Course Name	Hrs	Prerequisite Courses	Prerequisit Hrs
NHML121	Medical Biology for Health Sciences	2	((NHFR110 (Pre)	
NHML122	Medical Biology Lab	1	((NHML121 (Co)	

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Category Compulsory Major Requirements

Hrs : 105) Hrs

Group Compulsory

Hrs : 102) Hrs

course	Course Name	Hrs	Prerequisite Courses	Prerequisit Hrs
NHML123	Organic Chemistry	3	((NHFR112 (Pre)	
NHML124	Organic Chemistry Lab	1	((NHML123 (Co)	
NHML125	Human Anatomy for Medical Laboratories	3	((NHFR110 (Pre)	
NHML126	Human Physiology	3	((NHFR110 (Pre)	
NHML210	Biochemistry	3	((NHML123 (Pre)	
NHML211	Histology	3	((NHML125 (Pre)	
NHML212	Analytical Chemistry	3	((NHFR110 (Pre)& NHFR112 (Pre)	
NHML213	.Analytical Chemistry Lab	2		
NHML214	Medical Microbiology	3		
NHML215	.Medical Microbiology Lab	2		
NHML220	Introduction to Heamatology	2		
NHML221	.Introduction to Heamatology Lab	1		
NHML222	Molecular Biology	3		
NHML223	Immunology and Vaccination	2		
NHML224	Diseases Pathophysiology	2		
NHML225	Endocrinology	2		
NHML310	Clinical Biochemistry I	3		
NHML311	.Clinical Biochemistry 1 Lab	1		
NHML312	Clinical Microbiology I	3		
NHML313	.Clinical Microbiology I ab	2		
NHML314	Diagnostic Immunology and Serology	2		
NHML315	.Diagnostic Immunology and Serology Lab	1		
NHML316	Diagnostic Heamatology I	2		
NHML317	.Diagnostic Heamatology I lab	1		
NHML318	Seminar and presentation skills	1		
NHML320	Clinical Biochemistry II	3		
NHML321	.Clinical Biochemistry II Lab	1		
NHML322	Clinical Microbiology II	3		
NHML323	.Clinical Microbiology II Lab	2		
NHML324	Parasitology	3		
NHML325	.Parasitology Lab	1		
NHML326	Diagnostic Heamatology II	2		
NHML327	.Diagnostic Heamatology II Lab	1		
NHML380	Clinical Training I	3		
NHML381	Clinical Training II	3		
NHML410	Body Fluids Clinical and Microsopic Analysis	3		
NHML411	Body Fluids Clinical and Microsopic Analysis L	1		
NHML412	Immunohistochemistry and Blood Bank	1		

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Hrs : 105) Hrs

Group Compulsory

Hrs : 102) Hrs

course	Course Name	Hrs	Prerequisite Courses	Prerequisit Hrs
NHML413	Immunohistochemistry and Blood Bank Lab	1		
NHML414	Lab Safety and Infection Control	2		
NHML420	Diagnostic molecular biology and cytogenetics	3		
NHML421	Diagnostic molecular biology and cytogenetics	1		
NHML422	Molecular Toxicology	2		
NHML423	Lab. Management & Quality Control	1		
NHML480	Clinical Training III	3		
NHML490	Internship	1	((NHML480 (Pre)	
NHML499	Graduation Project	2		
NHNS401	Scientific research Methodology	2		

Group : Elective

Hrs : (3) Hrs

course	Course Name	Hrs	Prerequisite Courses	Prerequisit Hrs
BASC439	Hebrew Language	2		
NHNS226	Health informatics	2		
NHNS435	Health system law & Policies	2		