

Study Plan of the Program of Laboratory Medicine

Course ID	Course Title	Credit Hours	Contact Hours	Pre-requisite
First Year: First Term				
11030115	English Language 1	6	18	None
33091115	Information Technology Skills	2	3	None
33091119	Medical Professional Skills	2	2	None
33091117	Innovation in Medicine	2	2	None
11010101	Islamic Culture 1	2	2	None
11020204	Health Education	1	1	None
First Year: Second Term				
11030215	English Language 2	2	6	English language (11030115)
11030011	English For Special Purposes	2	2	None
33091118	Human Biology	3	4	None
33091103	Medical Physics	3	4	None
33091120	General Chemistry	3	4	None
11010111	Islamic Education 2	2	2	None
Second Year: First Term				
11020107	The Holy Quran	2	2	None
33091237	Biostatistics	2	3	None
33091236	Medical Ethics	1	1	None
33091122	Medical Terminology	2	2	None
33091121	General Anatomy and Physiology	4	5	None
33051231	Molecular Cell Biology	3	4	Human Biology (33091118)
33051232	Organic Chemistry	2	3	General Chemistry (33091120)
33051233	Medical Laboratory Skills and Instrumentations	3	4	None
11010113	Voluntary Community Services 1	0	0	None
Second Year: Second Term				
11010112	Essay and Research Writing Skills	2	2	None
33091123	Epidemiology and Infection Control	2	2	Biostatistics (33091237)
33091245	Total Quality Management in Health Care	2	2	None
33091246	Pharmacology	2	2	None
33051241	Biochemistry	3	4	Molecular Cell Biology (33051231)
33051242	Analytical Chemistry	3	4	General Chemistry (33091120)
33051243	Principles of Microbiology	2	3	None
33051244	General Pathology	2	2	Molecular Cell Biology (33051231)
11010123	Voluntary Community Services 2	0	0	None
Third Year: First Term				
33051351	Medical Parasitology	3	4	Principles of Microbiology (33051243)
33051352	Medical and Diagnostic Microbiology I	3	4	Principles of Microbiology (33051243)

33051353	Hematology I	3	4	General Pathology (33051244) + Medical Laboratory Skills and Instrumentation (33051233)
33051354	Histology and Cytology	3	4	General Pathology (33051244)
33051355	Clinical Chemistry I	3	4	Biochemistry (33051241) + Medical Laboratory Skills and Instrumentation (33051233)
33051356	Molecular Diagnostic and Bioinformatics	3	4	Biochemistry (33051241) + Medical Laboratory Skills and Instrumentation (33051233)
Third Year: Second Term				
33051361	Clinical Chemistry II	3	4	Clinical Chemistry I (33051355)
33051362	Hematology II	3	4	Hematology I (33051353)
33051363	Histopathology and Cytopathology	3	4	Histology and Cytology (33051354)
33051364	Medical Parasitology II	3	4	Medical Parasitology I (33051356)
33051365	Medical and Diagnostic Microbiology II	3	4	Medical and Diagnostic Microbiology I (33051352)
33051366	Immunology I	3	4	Hematology I (33051353)
Fourth Year: First Term				
33051471	Medical Virology	3	4	Medical and Diagnostic Microbiology I (33051365)
33051472	Research Methodologies	2	3	Biostatistics (33091237) + Essay Writing + Research Writing Skills (1101011) + Hematology II (33051362) + Clinical Chemistry II (33051361) + Immunology I (33051366)
33051473	Hemostasis	3	4	Hematology II (33051362)
33051474	Clinical Chemistry III	3	4	Clinical Chemistry II (33051361)
33051475	Professional Practice in Laboratory Medicine I	3	6	Clinical Chemistry II (33051361) + Hematology II (33051362) + Histopathology and Cytopathology (33051363) + Medical Parasitology II (33051364) + Medical and Diagnostic Microbiology II (33051365) + Immunology I (33051366)
33051476	Immunology II	3	4	Immunology I (33051366)
33091477	Medical Informatics	2	2	None
Fourth Year: Second Term				
33051481	Urine and body fluids Analysis	2	3	Clinical Chemistry III (33051474) + Medical and Diagnostic Microbiology II (33051365) + Medical Parasitology II (33051364)
33051482	Blood Banking and Transfusion	3	4	Immunology II (33051476) + Hemostasis (33051473)

33051483	Clinical Microbiology	3	4	Medical and Diagnostic Microbiology (33051365) + Medical Virology (33051475)
33051484	Professional Practice in Laboratory Medicine II	3	6	Professional Practice in Laboratory Medicine I (33051475)
33051485	Graduation Project	3	4	Research Methodologies (33051472) + Hemostasis (33051473) + Medical Virology (33051471)
33051486	Laboratory Management and Quality Control	2	2	Biostatistics (33091237) + Professional Practice in Laboratory Medicine I (33051475)
Fifth Year: First Term				
33051501	Laboratory Medicine Internship 1	0	0	All modules (138 credit hours)
Fifth Year: Second Term				
33051502	Laboratory Medicine Internship 2	0	0	All modules (138 credit hours)
Fifth Year: Summer Term				
33051503	Laboratory Medicine Internship Summer	0	0	All modules (138 credit hours)
Electives				
No Elective Courses are available				