



## Advisory Study Plan for the Academic Year 2019 / 2020

Faculty: Allied Medical Sciences

Department: Medical laboratory Sciences

1 <sup>st</sup> Year/ First Semester			
Course No.	Course Title	Credit Hours	Prerequisite
A0111301	General Chemistry	3	-
A0111302	Practical General Chemistry	1	-
A0111401	General Biology	3	-
A0111402	Practical General Biology	1	-
A0111201	General Physics (1)	3	-
A0341701	Computer Skills (Health)	3	A0331700
A0161201	English Communication Skills	3	A0161200
<b>Total: 17 Credit Hours</b>			

1 <sup>st</sup> Year/ Second Semester			
Course No.	Course Title	Credit Hours	Prerequisite
A1111105	Medical Terms	1	-
A1111601	Organic Chemistry	3	A0111301
A1111101	Anatomy & Histology	3	A0111401
A1111102	Practical Anatomy & Histology	1	-
A0111103	Mathematics (1)	3	-
A0161101	Arabic Communication Skills	3	A0161100
-	University Elective 3 Hrs	3	-
<b>Total: 17 Credit Hours</b>			

2 <sup>nd</sup> Year/ First Semester			
Course No.	Course Title	Credit Hours	Prerequisite
A1112301	Biochemistry (1)	2	A1111601 A0111401
A1112201	Physiology (1)	2	A1111101
A1112602	Analytical Chemistry	2	A1111601
A1112603 A1112101	Practical Analytical Chemistry	1	-
A1112101	Light Microscopic Techniques	2	A1111101
A1112102	Practical Light Microscopic Techniques	1	-
A0912501	Biostatistics	2	A0111103
University Elective 3 Hrs.		3	-
<b>Total: 18 Credit Hours</b>			

2 <sup>nd</sup> Year/ Second Semester			
Course No.	Course Title	Credit Hours	Prerequisite
A1112302	Biochemistry (2)	2	A1112301
A1112303	Practical Biochemistry	1	-
A1112202	Physiology (2)	2	A1112201
A1112203	Practical Physiology	1	-
A1112103	Pathology	3	A1112201
A0161401	Military Sciences	3	-
-	University Elective 3 Hrs.	3	-
A1112604	Medical Laboratory Instrumentation and Methodology	2	A1112602
A0161301	National Education	3	-
<b>Total: 17 Credit Hours</b>			



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3 <sup>rd</sup> Year/ First Semester			
Course No.	Course Title	Credit Hours	Prerequisite
A1113401	Microbiology	3	A1112202
A1113402	Practical Microbiology	1	-
A1113501	Diagnostic Hematology (1)	2	A1112202 A1112103
A1113301	Clinical Chemistry (1)	3	A1112301 A1112103
A1113302	Practical Clinical Chemistry(1)	1	-
A1113403	Medical Parasitology	2	A1112202
A1113404	Practical Medical Parasitology	1	-
A1113405	Diagnostic Molecular Biology	3	A1113401
A1113406	Practical Diagnostic Molecular Biology	1	-
<b>Total :17 Credit Hours</b>			

3 <sup>rd</sup> Year/ Second Semester			
Course No.	Course Title	Credit Hours	Prerequisite
A1113305	Diagnostic Microbiology	3	A1112301 A0111401
A1113306	Practical Diagnostic Microbiology	1	-
A1113502	Diagnostic Hematology (2)	2	A1113501
A1113503	Practical Diagnostic Hematology	1	-
A1113303	Clinical Chemistry (2)	3	A1113301
A1113304	Practical Clinical Chemistry (2)	1	-
A1113504	Immunology & Serology	3	A1113401
A1113505	Practical Immunology	1	-
A1113506	Blood Transfusion & Blood Banking	2	A1113501
A1113507	Practical Blood Transfusion & Blood Banking	1	-
<b>Total: 18 Credit Hours</b>			

4 <sup>th</sup> Year/ First Semester			
Course No.	Course Title	Credit Hours	Prerequisite
A1114401	Medical Virology & Mycology	2	A1113401
-	University Elective 3 Hrs.	3	-
-	Departmental Elective	3	-
A1114201	Clinical Endocrinology	3	A1112201 A1112103
-	Departmental Elective	3	-
A1114606	Ethics & Safety Regulations in Medical Laboratory Sciences	1	A1113401
A1114301	Toxin and Body Fluid Analysis	2	A1113303
A0914501	First Aid	1	A1112103
<b>Total: 18 Credit Hours</b>			

4 <sup>th</sup> Year/ Second Semester			
Course No.	Course Title	Credit Hours	Prerequisite
A1114605	Quality Control & Laboratory Management	2	A1113303
A1114607	Seminar in Biomedical Sciences	1	A1113303
A1114700	Field Practical Training (1)	6	(Finished 120 Credit Hours) A1113454 A1113303 A1113502 A1113504 A1113305
A1114701	Field Practical Training (2)	6	A1114700
<b>Total: 15 Credit Hours</b>			



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