



## Course Description Guide in Discontinuous Undergraduate Program in Medical Laboratory Science

### First Semester

No	Title	No of credit	Course hours		Prepositions
			Theoretical	Practical	
1	Theoretical Foundations of Islam	2	2		
2	Medical bacteriology (2)	2	2		
3	Medical bacteriology lab (2)	1		1	Medical bacteriology (2)
4	Medical myology (2)	1	1		
5	Medical myology lab (2)	1		1	medical myology (2)
6	Immunology (2)	2	2		
7	Immunology lab (2)	1		1	Immunology (2)
8	Biostatistics	2	2		
9	Medical terminology	2	2		
10	Islamic contexts	2	2		
11	Physical education (2)	1		1	
Total			18 credits		



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**Second Semester**

No	Title	No of credit	Course hours		Prepositions
			Theoretical	Practical	
1	Parasitology (2) (protozoans & insects)	2	2		
2	Parasitology (2) (protozoans & insects) lab	1		1	Parasitology (2) (protozoans & insects)
3	Medical biochemistry (2)	2	2		
4	Medical biochemistry lab (2)	1		1	Medical biochemistry (2)
5	Cellular & Molecular Biology	2	2		
6	Pharmacology and toxicology	1	1		
7	Pathophysiology	1		1	
8	Islamic History & Civilization	2	2		
9	Biophysics	2	2		
10	seminar	1	1		
11	Medical genetics	1	1		
Total			20 credits		



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### Third Semester

No	Title	No of credit	Course hours		Prepositions
			Theoretical	Practical	
1	Blood transfusion (2)	1	1		
2	Blood transfusion lab (2)	1		1	Blood transfusion (2)
3	Medical virology	1	1		
4	Medical virology lab	1		1	Medical virology
5	Hormonology	1	1		
6	Hormonology lab	1		1	Hormonology
7	Laboratory Rules & Management Principles	1	1		
8	Technical Principles & Maintenance of Laboratory Equipment	1	1		
9	Public health and epidemiology	2	2		
10	Population and family planning	2	2		
11	Hematology (2)	3	3		
12	Hematology lab (2)	1.5		1.5	Hematology (2)
13	Theoretical Foundations of Islam	2	2		
Total			19 credits		



## Course Description Guide in Discontinuous Undergraduate Program in Medical Laboratory Science

### Forth Semester

No	Title	No of credit	Course hours		Prepositions
			Theoretical	Practical	
1	Internship	12		12	
Total		12 credits			