



M.Sc. Medical Laboratory Sciences (Yearly pattern)

Note: A credit is a unit by which the coursework is measured. It determines the number of hours of instruction required per week over the duration of a semester of minimum 15 weeks or 90 days which will be doubled for the yearly program i.e. 30 weeks or 180 days.

1. 1 theory credit = 15 hours of academic activity engagement in a semester, which is 1 credit = 1 hour of theory in a semester that will be doubled in the yearly program, which is 2 credit = 1 hours of academic engagement.

2. 1 credit of (practical/internship/workshop-based activity/self-learning-online/offline) = 30 hours of engagement in a semester, which is 1 credit = 2 hours of practical in the semester that will be halved in the yearly program, which is 1 credit = 1 hour of practical engagement.

3. Research Project/Dissertation: Entire second year (12 credits)

Credits distribution scheme:

Component	Credit	Lectures (hrs.)	Lab (hrs.)	Tutorial
Theory	2	1	-	-
Practical	1	-	1	-
Dissertation	1	-	1	-

Year - 1

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
19200101	Research Methodology and Biostatistics (T)	8.00	4	-	-	20	-	20	60	-	50	-	100
19200102	Research Methodology and Biostatistics (P)	4.00	-	4	-	-	20	20	-	60	-	50	100
19207101	Basic Pathology and Hematology (T)	8.00	4	-	-	20	-	20	60	-	50	-	100
19207102	Basic Pathology and Hematology (P)	4.00	-	4	-	-	20	20	-	60	-	50	100
19207103	Biochemistry (T)	8.00	4	-	-	20	-	20	60	-	50	-	100
19207104	Biochemistry (P)	4.00	-	4	-	-	20	20	-	60	-	50	100
19207105	Microbiology (T)	8.00	4	-	-	20	-	20	60	-	50	-	100
19207106	Microbiology (P)	4.00	-	4	-	-	20	20	-	60	-	50	100
Total		48.00	16	16	-								800

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical
Theory Passing % : 50 Practical Passing % : 50



Year - 2

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
19207201	Clinical Pathology (T)	8.00	4	-	-	20	-	20	60	-	50	-	100
19207202	Clinical Pathology (P)	4.00	-	4	-	-	20	20	-	60	-	50	100
19207203	Clinical Biochemistry (T)	4.00	4	-	-	20	-	20	60	-	50	-	100
19207204	Clinical Biochemistry (P)	4.00	-	4	-	-	20	20	-	60	-	50	100
19207205	Systemic and Clinical Microbiology (T)	8.00	4	-	-	20	-	20	60	-	50	-	100
19207206	Systemic and Clinical Microbiology (P)	4.00	-	4	-	-	20	20	-	60	-	50	100
19207207	Dissertation	12.00	-	12	-	-	-	100	-	100	-	100	200
	Total	44.00	12	24									800

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical
Theory Passing % : 50 Practical Passing % : 50