

Compensatory courses for master batch for medical Microbiology

Cod No.	Course name	No. of courses	The time of courses			Prerequisite
			Theoretical	Practical	Total	
1	Anatomy	3	34	34	68	
2	Applied Biochemistry	3	17	68	85	
3	General physiology	3	34	34	68	
4	General genetics	2	34	-	34	
5	Laboratory Animals	2	17	34	51	
6	Research in Medical Sciences	2	34	-	34	
7	Information Technology	2	17	34	51	
8	Statistical Methods in Medical Science Researches	3	51	-	51	
total		20				

Mandatory courses (core) for master batch for medical Microbiology

Cod No.	Course name	No. of courses	The time of courses			Prerequisite
			Theoretical	Practical	Total	
9	Cellular, Molecular Biology of Eukaryotes and Prokaryotes	2	34	-	34	
10	Structure and Physiology of Microorganisms	2	34	-	34	
11	Genetics of Microorganisms	1	17	-	17	
12	Antibiotics and Antimicrobial Agents	1	9	17	26	
13	Host Bacterial Interaction	1	17	-	17	
14	Systematic Bacteriology (1)	2	34	-	34	
15	Systematic Bacteriology (2)	2	34	-	34	
16	Molecular Diagnostic Bacteriology	2	-	-	68	
17	practical Bacteriology	2	-	68	68	
18	Medical Virology	4	51	34	85	
19	Seminar	1	-	-	-	
20	Training in Hospital	2	-	102	102	
21	Thesis	6	-	-	-	
	total	28				

Noncore for master batch for medical Microbiology

Cod No.	Course name	No. of course	The time of courses			Prerequisite
			Theoretical	Practical	Total	
22	Pathology and familiarity with the techniques	2	17	34	51	
23	Hematology	2	17	34	51	
24	Electron Microscope	1	9	17	26	
25	Protozoology	2	17	34	51	
26	Mycology	2	17	34	51	
27	Immunology Based on Infectious Diseases	2	34	34	68	
total		12				