

MS Microbiology & Immunology									
YEAR 1									
Semester (I) – Fall					Semester (II) - Spring				Summer break
Course Code	Course	Credit Hours	Course Type		Course Code	Course	Credit Hours	Course Type	
RMS-724	Research Methodology and Biostatistics	3(3+0)	C1		MIC-721/BTE-721	Advances in Microbial Biotechnology	3(3+0)	C5	
MIC-712	Advances in Microbiology	3(3+0)	C2		MBS-711	Current Trends in Research Techniques	3(1+2)	E2	
MIC-713	Advances in Immunology	3(3+0)	C3			Elective-II	3	E3	
	Elective-I	3(3+0)	E1			Elective-III	3	C6	
Total Credit Hours		12		Total Credit Hours		12			
YEAR 2									
Semester (III) – Fall					Semester (IV) - Spring				Summer break
Course Code	Course	Credit Hours	Course Type		Course Code	Course	Credit Hours	Course Type	
MBS-731	Seminar	2(2+0)	C6		MIC-799-2	MS Research Work	6(6+0)		
MIC-799-1	MS Research Work	4(4+0)							
Total Credit Hours		6			Total Credit Hours		6		

LIST OF ELECTIVES			
ELECTIVE-I			
Course Code	Course	Credit Hours	Course Type
MIC-701	Advances in Virology	3	E
MIC-704	Antimicrobial Resistance & therapeutics	3	E
MIC-705	Extremophiles	3	E
ELECTIVE-II			
Course Code	Course	Credit Hours	Course Type
MIC-706	Immunotherapeutic	3	E
MIC-708	Probiotics and Synbiotic	3	E
MIC-703	Advances in Medical Parasitology	3	E
ELECTIVE-III			
Course Code	Course	Credit Hours	Course Type
MIC-707	Microbiome	3	E
MIC-702	Advances in Fungal Biotechnology	3	E
MIC-709	Vaccinology	3	E