



MSc of Hematology and Blood transfusion semester schedule

8	Compensatory
25	Core
3	Non-core (Electives)
6	Thesis
42	Total



Prerequisites	Course Type	Number of Unite			Course No	Title of the Course	Code	Semester 1
		Total	Practical	Theoretical				
-	Compensatory	3	1	2		Basic Immunology	01	
-	Compensatory	2	-	2		Basic Cellular and Molecular Biology	02	
-	Compensatory	3	1	2		Basic Hematology	03	
03	Core	3	1	2		Hematology I (Red Blood Cell)	10	
-	Core	1	0.5	0.5		Research Methodology	09	
-	Core	1	0.5	0.5		Medical Information Systems	05	

Total Unit: 13

Prerequisites/ Concurrent	Course Type	Number of Unite			Course No	Title of the Course	Code	Semester 2
		Total	Practical	Theoretical				
10	Core	3	1	2		Hematology II (White Blood Cell)	11	
07	Core	1	0.5	0.5		Fundamentals of cell and Bone Marrow Culture	08	
02	Core	2	-	2		Advanced Cellular and Molecular Biology	07	
01	Core	3	1	2		Advanced immunology	06	
06	Core	4	1	3		Immunohematology and blood transfusion	13	

Total Unit: 13

Prerequisites	Course Type	Number of Unite			Course No	Title of the Course	Code	Semester 3
		Total	Practical	Theoretical				
11	Core	2	1	1		Hematology III (Platelets & Hemostasis)	12	
11& 13	Core	1	-	1		Quality Control in Hematology and Blood Bank	14	
10& 11	Core	3	3	-		Hematology Internship	16	
13	Core	1	1	-		Immunohematology Seminar	17	
13	Non-Core	3	3	-		Immunohematology and blood transfusion Internship	18	

Total Unit: 10

Course Type	Number of Credits	Course No	Title of the Course	Semester 4
-	6	-	Thesis	

Total Unit: 6