



C. Curriculum

1. Curriculum Structure

Program Structure	Required/ Elective	No. of courses	Credit Hours	Percentage
Institution Requirements	Required	8	14	8
	Elective	1	2	1
College Requirements	Required	8	26	8
	Elective	1	2	1
Program Requirements	Required	28	83	28
	Elective	1	2	1
Capstone Course/Project		1	3	1
Field Training/ Internship		One year		
Residency year				
Others				
Total		48	132	100%

2. Program Courses

Level	Course Code	Course Title	Required or Elective	Pre-Requisite Courses	Credit Hours	Type of requirements (Institution, College, or Program)
Level 1	IC26101	Introduction to Islamic culture	Required	-	2(2+0)	Institution
	ARAB26101	Arabic language skills	Required	-	2(2+0)	Institution
	CI26101	Communication Skills	Required	-	2(2+0)	Institution
	MDS26111	Biomedical Science-1	Required	-	4(3+1)	College
	ENG26112	General English language - 1	Required	-	4(4+0)	College
	MDS26112	Biostatistics	Required	-	2(2+0)	College
					16	
Level 2	CS26101	Computer Skills	Required	-	2(1+1)	Institution
	PSY26101	Learning and thinking skills	Required	-	2(2+0)	Institution
	MDS26113	Biomedical Science-2	Required	-	4(3+1)	College
	ENG26115	General English language - 2	Required	ENG26112	4(4+0)	College
	ENG26123	English language for special purposes	Required	-	4(4+0)	College
					16	
Level 3	262**	University elective course	Elective	-	2(2+0)	Institution
	IC26102	Family & Community in Islam	Required	-	2(2+0)	Institution
	BMS26211	Anatomy and histology	Required	-	2(1+1)	College
	BMS26212	Physiology	Required	-	2(1+1)	College





Level	Course Code	Course Title	Required or Elective	Pre-Requisite Courses	Credit Hours	Type of requirements (Institution, College, or Program)
	MLS26231	Biochemistry -1	Required	-	3(2+1)	Program
	MLS26241	Introduction to medical microbiology	Required	-	4(2+2)	Program
	MLS26271	Medical laboratory skills and safety	Required	-	2(1+1)	Program
					17	
Level 4	BUA26201	Volunteer work	Required	-	1(1+0)	Institution
	BUA26302	Entrepreneurship	Required	-	1(1+0)	Institution
	MLS26221	Introduction to hematology	Required	BMS26211	3(2+1)	Program
	MLS26232	Biochemistry - 2	Required	MLS26231	3(2+1)	Program
	MLS26242	Clinical bacteriology - 1	Required	MLS26241	4(2+2)	Program
	MLS26251	General pathology	Required	-	4(3+1)	Program
					16	
Level 5	MLS26313	Basics of epidemiology	Elective		2(2+0)	College
	MLS26314	Healthcare management				
	MLS26315	Quality of healthcare				
	MLS26322	Red blood cell disorders	Required	MLS26221	4(2+2)	Program
	MLS26333	Clinical biochemistry - 1	Required	MLS26232	4(2+2)	Program
	MLS26343	Basic Immunology	Required	MLS26221	2(1+1)	Program
	MLS26344	Clinical bacteriology-2	Required	MLS26242	4(2+2)	Program
	MLS26361	Basic molecular biology	Required		2(1+1)	Program
					18	
Level 6	MLS26323	White blood cell disorders	Required	MLS26221 MLS26333	3(2+1)	Program
	MLS26334	Clinical biochemistry - 2	Required		4(2+2)	Program
	MLS26345	Medical protozoology	Required		3(2+1)	Program
	MLS26346	Clinical mycology	Required		2(1+1)	Program
	MLS26352	Histo-cytotechnology	Required		4(2+2)	Program
					16	
Level 7	MLS26424	Hemostasis	Required		2(1+1)	Program
	MLS26435	Clinical biochemistry- 3	Required	MLS26334	4(2+2)	Program
	MLS26447	Clinical virology	Required		2(1+1)	Program
	MLS26448	Medical helminthology	Required		3(2+1)	Program
	MLS26453	Cytology and immunohistochemistry	Required		2(1+1)	Program
	MLS26462	Diagnostic molecular biology	Required	MLS26361	2(1+1)	Program
	MLS26472	Principles of Scientific Research in Medical Laboratory	Required		2(2+20)	Program
					17	

