

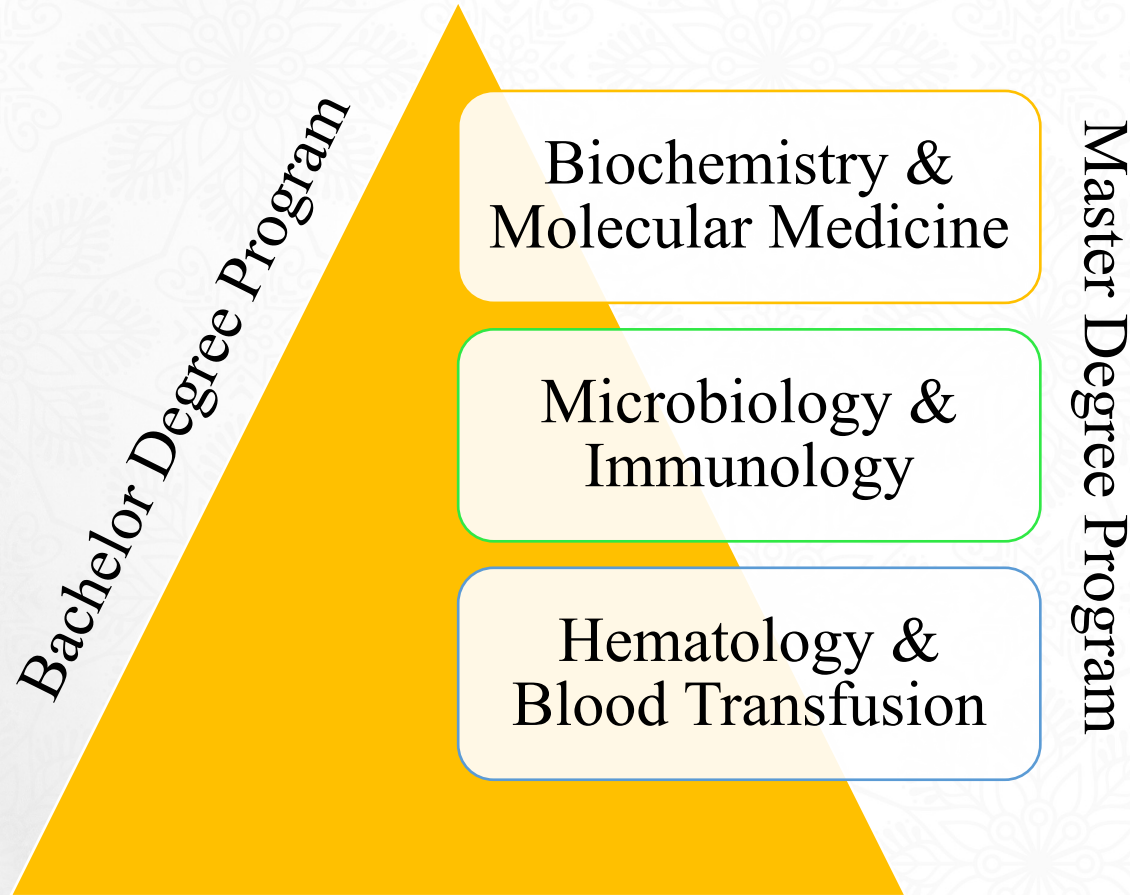
كلية العلوم الطبية التطبيقية
قسم علوم المختبرات الطبية

College of Applied Medical Sciences

Medical Laboratory Sciences Department

Bachelor in Medical Laboratory Sciences ((BSc)

BSc & MSc Program Paths



Bachelor Program Curriculum (Three Semesters)

Bachelor Program Curriculum

Semester1/ Level 1			
Pre-requisite	Credit Hours	Course Name	Course No. Course Code
-	8	English 1	PENG 111
-	2	Introduction to Mathematics	PMTH 112
	01		Total
Semester 2/ Level 2			
-	2	Computer Skills	PCOM 113
-	2	Learning and communication skills	PSSC 114
-	6	English 2	PENG 121
	01		Total
Semester 3/ Level 3			
-	2	English for Health science	PENG 122
-	2	Introduction to Chemistry	PCHM 124
-	2	Physics for health science	PPHS 125
-	3	Biology	PBIO 126
	9		Total
29		Total Credit Hours	

Semester 1/ Level 4			
Pre-requisite	Credit Hours	Course Name	Course No. Course Code
-	2 (2 + 0)	University Requirement	-
	2 (1 + 1)	Emergency care	CAMS-231
PBIO 126	2 (1 + 1)	Principles of Anatomy	MDL 231
PBIO 126	2 (1 + 1)	Principles of Physiology	MDL 232
PBIO 126	4 (3 + 1)	General Microbiology	MDL 234
	21		Total
Semester 2/ Level 5			
-	2(2 + 0)	University Requirement	-
-	2 (2 + 0)	College required elective 1	-
PCHM 124	3 (2 + 1)	Organic Chemistry	MDL 233
-	3 (2 + 1)	Hematology	MDL 241
-	2 (1 + 1)	Introduction to Immunology	MDL 244
	21		Total
Semester 3/ Level 6			
MDL231	3 (2 + 1)	Histology	MDL 242
PCHM 124	3 (2 + 1)	Analytical Chemistry	MDL 245
-	2 (2+ 0)	Epidemiology	MDL- 472
-	2 (2 + 0)	University Requirement	-
-	2 (2 + 0)	College required elective 2	-
	12		Total
36		Total Credit Hours	

Semester 1/ Level 7			
Pre-requisite	Credit Hours	Course Name	Course No. Course Code
-	2 (2 + 0)	University Requirement	-
MDL 234	3 (2 + 1)	Medical Microbiology	MDL 243
MDL 233	3 (2 + 1)	Principles of Biochemistry	MDL 351
MDL 342	3 (2 + 1)	Histotechnology	MDL 353
	11		Total
Semester 2/ Level 8			
-	2 (2 + 0)	University Requirement	-
-	3 (2 + 1)	General Pathology	MDL 352
MDL 243	3 (2 + 1)	Clinical Mycology	MDL 354
-	3 (2 + 1)	Clinical Parasitology	MDL 355
	11		Total
Semester 3/ Level 9			
-	2 (2 + 0)	University Requirement	-
MDL 351	3 (2 + 1)	Medical Biochemistry	MDL- 361
MDL 243	3 (2 + 1)	Clinical Bacteriology	MDL- 363
-	3 (2 + 1)	Pathophysiology	MDL- 364
-	3 (3 + 0)	Department required elective	MDL- 365/366
	41		Total
36		Total Credit Hours	

Best of Luck