

Curriculum structure from 2019/20 batch

Course Code	Course Title	Credits	Prerequisites
1000 level Semester 1			
EL 1101	Basic English for Allied Health Sciences 1 (Reading and Writing)	3*	
AH 1101	Information Technology	2*	
AH 1102	Human Physiology 1	3	
AH 1103	Basic Human Anatomy	3	
ML 1101	Laboratory Practice, Safety & First Aid	2	
ML 1102	Biochemistry	3	
ML 1103	Histology	1	
	Total No. of Credits	12	
1000 level Semester 2			
EL 1202	Basic English for Allied Health Sciences 2 (Listening and Speaking)	3*	
AH 1201	General Pathology	3	
AH 1202	Human Physiology II	3	
ML 1201	Analytical Chemistry	3	
ML 1202	Molecular Biology	1	
ML 1203	General Microbiology	2	
ML 1204	Professional skills in MLS	1	
	Total No. of Credits	13	
2000 level Semester 1			
EL 2103	Intermediate English for Allied Health Sciences 1 (Reading and Writing)	3*	
ML 2101	Haematology I	3	AH 1102
ML 2102	Clinical Chemistry I	3	ML 1102‡, ML 1201
ML 2103	Medical Bacteriology	2	ML 1203
ML 2104	Histotechnology	3	ML 1103, AH 1201
ML 2105	Specimen Collection and Transport	2	
ML 2106	Basic Immunology	1	
ML 2107	Molecular Genetics and Cytogenetics	2	
	Total No. of Credits	16	
2000 level Semester 2			
EL 2204	Intermediate English for Allied Health Sciences 1 (Reading and Writing)	3*	
ML 2201	Haematology II	3	ML 2101
ML 2202	Clinical Chemistry II	3	ML 2102
ML 2203	Systematic Virology & Mycology	2	
ML 2204	Cytotechnology	3	AH 1201, AH 1202
ML 2205	Medical Parasitology & Entomology	2	
ML 2206	Immunotechnology	2	ML 2106
ML 2207	Biomedical Instrumentation	1	
	Total No. of Credits	16	

Course Code	Course Title	Credits	Prerequisites
3000 level Semester 1			
ML 3101	Transfusion Medicine	1	
ML 3102	Clinical Chemistry III	3	ML 2102, ML 2202
ML 3103	Diagnostic Virology and Mycology	2	ML 2203
ML 3104	Laboratory Quality Assurance & Accreditation	3	
ML 3105	Diagnostic Parasitology	2	ML 2205
ML 3106	Experimental Laboratory Technology	3	
ML 3107	Medical Statistics	2	
ML 3108	Research Methodology & Proposal Writing	2	
	Total No. of Credits	18	
3000 level Semester 2			
ML 3201	Laboratory Management	2	
ML 3202	Biotechnology and Molecular diagnostics	2	ML 1202
ML 3203	Diagnostic Bacteriology	3	ML 1203‡
ML 3204	Public Health Microbiology	2	
ML^	Optional Courses	1	
ML 3207	Medical Ethics	1	
ML 3208	Portfolio Development	1	
ML 3209	Research Project	6	ML 3108
	Total No. of Credits	18	
4000 level (Work Place Training- 30 credits)			
ML 4CLIN01	Haematology		ML 2101, ML 2201
ML 4CLIN02	Clinical Chemistry		ML 2102, ML 2202, ML 3102
ML 4CLIN03	Microbiology & Immunotechnology		ML 3103, ML 3203, ML 2206
ML 4CLIN04	Histotechnology & Cytotechnology		ML 2104, ML 2204
ML 4CLIN05	Medical Parasitology & Entomology		ML 3105
ML 4CLIN06	Transfusion Medicine		ML 3101
ML 4CLIN07	Industrial Training		ML 3201
	Total No. of Credits	30	
Total No. of Credits in Curriculum		123	
ML^	Optional Courses (only one optional course should be selected)		
ML 3205	Healthcare Marketing	1	
ML 3206	Human Resource Management	1	
	AH - Common course units in Allied Health degree program EL - Common course units conducted by English Language Teaching Unit ML - Course unit in Medical Laboratory Science degree program		