

Academic Programs Booklet

College of Health and Sport Sciences

2018



B.Sc. in Medical Laboratory Sciences Completion 2018

Program Components

Course Type	CRD
University Requirement (UR)	11
College Requirement (CR)	8
Major Support Requirement (MSR)	9
Major Requirement (MR)*	40
Major Elective (ME)¹	5
Total Credit (CRD)	73
Clinical Training	30 hours

* Including Clinical Training.

Teaching Language: English

Detailed Study Plan

Year 1 - Semester 1

Course Code	Course Title	Course Hours				Course Type	Pre requisite	Major GPA
		Crdt	Lec	Lab	Clinical			
ISLM 101	Islamic Culture	3	3	0	0	UR	-----	No
HRLC 107	Human Rights	2	2	0	0	UR	-----	No
CGS 218	Analytical Chemistry	3	2	2	0	MSR	-----	No
SBS 316	Fundamental of Psychology and Sociology	3	3	0	0	MSR	-----	No
LFS 319	General Pathology	3	3	0	0	CR	-----	No
CGS 211	Biostatistics	2	2	0	0	CR	-----	No
ME PHAM 418 MLS 419 SBS 122	Toxicology for PH Food Microbiology for MLS Human Relation	3 3 3	3 3 3	0 0 0	0 0 0	ME	See ME List	No

Year 1 - Semester 2

Course Code	Course Title	Course Hours				Course Type	Pre requisite	Major GPA
		Crdt	Lec	Lab	Clinical			
ARAB 110	Arabic Language Skills	3	3	0	0	UR	----	No
HIST 122	Modern History of Bahrain and citizenship	3	3	0	0	UR	----	No
MLS 315	Clinical Chemistry II and TDM	4	3	2	0	MR	----	Yes
MLS 320	Medical Microbiology II	4	2	4	0	MR	----	Yes
MLS 325	Cell Biology and Genetics	3	2	2	0	MR	LFS 319	Yes
ME 1 PH 211 LFS 131	Epidemiology Nutrition	2 2	2 2	0 0	0 0	ME	----	No

Year 2 - Semester 3

Course Code	Course Title	Course Hours				Course Type	Pre requisite	Major GPA
		Crdt	Lec	Lab	Clinical			
MLS 313	Haematology II	3	2	2	0	MR	LFS 319	Yes
MLS 323	Blood Coagulation	2	1	2	0	MR	LFS 319	Yes
MLS 410	Quality Assurance in Lab Medicine	2	2	0	0	MR	MLS 315 & 320	Yes
HCA 301	Leadership and Management in Health Care Setting	3	3	0	0	MSR	----	No
MLS 327	Cytogenetic and Molecular Biology	4	3	2	0	MR	MLS 325	Yes
MLS 324	Forensic Medicine	2	2	0	0	MR	MLS 315	Yes
SBS 320	Research Methods	3	2	2	0	CR	CGS 211	No

Year 2 - Semester 4

Course Code	Course Title	Course Hours				Course Type	Pre requisite	Major GPA
		Crdt	Lec	Lab	Clinical			
MLS 415	Clinical Seminar	3	3	0	0	MR	MLS 313 & MLS 315 & MLS 320	Yes
MLS 423	Graduation Project	3	2	2	0	MR	MLS 410 & SBS 320	Yes
MLS 425	Lab Field practice II	10	0	0	30	MR	MLS 313 & MLS 315 & MLS 320 & MLS 323	Yes

Major Elective Courses

Course Code	Course Title	Course Hours				Course Type	Pre requisite	Major GPA
		Crdt	Lec	Lab	Clinical			
Elective 1								
PH 211	Epidemiology	2	2	0	0	ME	-----	No
LFS 131	Nutrition	2	2	0	0	ME	-----	No
Elective 2								
PHAM 418	Toxicology for PH	3	3	0	0	ME	CGS 102	No
MLS 419	Food Microbiology for MLS	3	3	0	0	ME	-----	No
SBS 122	Human Relation	3	3	0	0	ME	-----	No