

Course Structure

Bachelor of Medical Laboratory Science

Faculty of Health Science



Semester 1

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	BIO115	Anatomy and physiology	Nil	15	1,725
CORE	MLS003	Basic Laboratory technology	Nil	15	2,400
CORE	MLS005	Microbiology I	Nil	10	1,600
CORE	MLS007	Haematology I	Nil	10	1,600
CORE	PUB001	Communication in Health	Nil	10	1,600
Semester Total				60	8,925

Semester 2

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	MLS009	Biochemistry I	MLS003, BIO 115	12	1,920
CORE	MLS125	Microbiology II	MLS003, BIO115, MLS005	15	2,400
CORE	MLS127	Haematology II	MLS003, BIO115, MLS007	15	2,400
CORE	MLS141	Introduction to Immunology	MLS003, BIO115, MLS005	12	1,920
CORE	PUB125	Epidemiology	Nil	6	960
Semester Total				60	9,600

Semester 3

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	MLS011	Biochemistry II	MLS009	10	1,600
CORE	MLS017	Histotechniques I	BIO115	10	1,600
CORE	MLS015	Lab management	PUB001	10	1,600
CORE	MLS131	Microbiology III	MLS125	15	2,400
CORE	MLS133	Haematology III	MLS127	15	2,400
Semester Total				60	9,600

Semester 4

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	MLS135	Microbiology IV	MLS131, MLS141	15	2,400
CORE	MLS137	Haematology IV	MLS133, MLS141	15	2,400
CORE	MLS139	Practicum	All subjects in Sem 1, 2 and 3	30	4,800
Semester Total				60	9,600

Semester 5

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	DHI113	Dhivehi for Professionals	Nil	15	1,350
CORE	MLS213	Diagnostic Microbiology I	MLS135	15	2,400
CORE	MLS321	Hematology and Hemostasis	MLS137	15	2,400
CORE	PUB227	Community Health	Nil	15	2,400
Semester Total				60	8,550

Semester 6

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	MLS217	Immunology	MLS141	15	2,400
CORE	MLS323	Clinical Chemistry	MLS011	20	3,200
CORE	MLS221	Biomedical Ethics	Nil	15	2,400
CORE	PUB221	Biostatistics	Nil	10	1,600
Semester Total				60	9,600

Semester 7

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	MLS223	Histotechniques II	MLS017	10	1,600
CORE	MLS311	Immunochemistry	MLS217	15	2,400
CORE	MLS313	Diagnostic Microbiology II	MLS213	15	2,400
CORE	MLS315	Molecular Biology	Nil	20	3,200
Semester Total				60	9,600

Semester 8

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	MLS317	Medical Science Seminar	Completed all subjects in semester 1, 2, 3 and 4	15	2,400
CORE	MLS319	Clinical and Professional Practice	Completed all subjects in semester 5, 6 and 7	30	4,800
CORE	PUB307	Research for Health	Nil	15	2,400
Semester Total				60	9,600
Course Total				480	75,075

Fees stated above are tuition fees for local students. Fees for international students is twice the stated fees. All fees are quoted in MVR.

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