

# Course Structure

## Bachelor of Science in Medical Laboratory Science (Honours)

Faculty of Health Science



### Semester 1

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	BIO115	Anatomy and Physiology (A&P)	Nil	15	2,400
CORE	MLS101	Basic Laboratory Technology	Nil	15	2,400
CORE	MLS143	Intro to Medical Lab Science I	Nil	15	2,400
CORE	DHI117	Muaamalaiy kurumuge Hunaru	Nil	15	1,350
<b>Semester Total</b>				<b>60</b>	<b>8,550</b>

### Semester 2

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	MLS145	Introduction to Medical Laboratory Science II	BIO115, MLS101, MLS143	15	2,400
CORE	MLS147	Molecular Biology		15	2,400
CORE	PSY126	Introduction to Psychology I		15	2,100
CORE	MLS225	Biochemistry	BIO115, MLS101, MLS143	20	3,200
<b>Semester Total</b>				<b>65</b>	<b>10,100</b>

### Semester 3

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	MLS227	Medical Microbiology I	BIO115, MLS101, MLS145	20	3,200
CORE	MLS229	Haematology I	BIO115, MLS143	20	3,200
CORE	MLS231	Immunohaematology	MLS145, MLS147	20	3,200
<b>Semester Total</b>				<b>60</b>	<b>9,600</b>

## Semester 4

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	MLS233	Medical Microbiology II	MLS227	15	2,400
CORE	MLS235	Haematology II	MLS229	15	2,400
CORE	MLS237	Histotechniques	BIO115, MLS145	15	2,400
CORE	MLS217	Immunology	BIO115, MLS147	15	2,400
<b>Semester Total</b>				<b>60</b>	<b>9,600</b>

## Semester 5

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	MLS301	Diagnostic Microbiology	MLS233	20	3,200
CORE	PUB207	Epidemiology & Biostatistics		10	1,600
CORE	MLS321	Haematology & Haemostasis	MLS229	15	2,400
CORE	SOC109	Introduction to Sociology		15	1,350
<b>Semester Total</b>				<b>60</b>	<b>8,550</b>

## Semester 6

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	MLS303	Medical Genetics	MLS145, MLS147	15	2,400
CORE	MLS323	Clinical Chemistry	MLS225	20	3,200
CORE	MLS305	Transfusion Science	MLS231	15	2,400
CORE	MLS307	Biomedical Ethics		10	1,600
<b>Semester Total</b>				<b>60</b>	<b>9,600</b>

## Semester 7

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	MLS401	Laboratory Quality Management & Safety	MLS307, MLS305, MLS323, MLS303, SOC109, MLS321, PUB207, MLS301, MLS217, MLS237, PSY126, DHI117	20	3,200
CORE	MLS403	Clinical & Professional Practice I	MLS307, MLS305, MLS323, MLS303, SOC109, MLS321, PUB207, MLS301, MLS217, MLS237, PSY126, DHI117	30	4,800
CORE	PUB307	Research for Health		15	2,400
<b>Semester Total</b>				<b>65</b>	<b>10,400</b>

## Semester 8

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	MLS309	Interdisciplinary Collaboration	MLS403	15	2,400
CORE	MLS405	Clinical & Professional Practice II	MLS403, MLS401	15	2,400
CORE	MLS407	Research Project	PUB307, MLS403, MLS401	30	4,800
<b>Semester Total</b>				<b>60</b>	<b>9,600</b>
<b>Course Total</b>				<b>490</b>	<b>76,000</b>

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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