

**MASTER of SCIENCE in MEDICAL LABORATORY SCIENCE Curriculum**

<b>PRE-REQUISITE COURSES</b>		<b>6 UNITS</b>
MSMLS 511	Philosophical and Theoretical Foundations of Medical Laboratory Science	3
MSMLS 512	Methods of Research in Health Sciences	3
<b>CORE COURSES</b>		<b>6 UNITS</b>
MSMLS 513	Foundations of Medical Laboratory Science Education	3
MSMLS 514	Biostatistics with Computer Aided Analysis	3
<b>MAJOR COURSES</b>		<b>18 UNITS</b>
MSMLS 515	Advanced Clinical Chemistry	3
MSMLS 516	Advanced Concepts on Molecular Biology	3
MSMLS 517	Advanced Hematology	3
MSMLS 518	Advanced Immunohematology	3
MSMLS 519	Advanced Immunology and Immunochemistry	3
MSMLS 520	Advanced Medical Microbiology	3
MSMLS 521	Advanced Medical Parasitology	3
MSMLS 522	Health Policy Management	3
MSMLS 523	Human Resource Management	3
MSMLS 524	MLS Laboratory Instrumentation and Quality Control	3
MSMLS 525	Marketing Clinical Laboratory Services	3
MSMLS 526	Principles of Laboratory Management	3
MSMLS 527	Trends and Issues in Medical Laboratory Science	3
MSMLS 515	Advanced Clinical Chemistry	3
<b>THESIS WRITING</b>		<b>6 Units</b>
TW1	Thesis Writing 1 (Thesis Proposal)	3
TW2	Thesis Writing 2 (Thesis Oral Defense)	3
<b>TOTAL</b>		<b>36 UNITS</b>