

School of Allied Health Professions
**Department of Medical Laboratory
 Science**

Department of Medical Laboratory Science

Students may enter in the Spring Semester. Practicum courses may not be taken until all other courses are completed. See [LSUHSC catalog](#) for course descriptions. ([Downloadable PDF](#))

Spring Semester	15 weeks	18 hours
MLS 3101	Clinical Hematology I	2
MLS 3107	Immunology	2
MLS 3112	Professional Skills in MLS	2
MLS 3121	Clinical Hematology Laboratory I	2
MLS 3140	Statistics and Quality Assurance	2
MLS 4105	Clinical Parasitology / Mycology	2
MLS 4107	Clinical Serology Lab	1
MLS 5117	Genetics	1
MLS 5119	Molecular Diagnostics	2
MLS 5128	Serology	2
Summer Semester	10 weeks	8 hours
MLS 4121	Clinical Hematology Laboratory II	2
MLS 4122	Clinical Immunohematology Laboratory	2
MLS 5101	Clinical Hematology II	2
MLS 5111	Clinical Immunohematology	2
Fall Semester	15 weeks	16 hours
MLS 4102	Urinalysis and Body Fluids	2
MLS 4118	Laboratory Management	2
MLS 4120	Clinical Biochemistry Laboratory	2
MLS 4125	Clinical Microbiology Laboratory	2
MLS 5104	Clinical Microbiology	4
MLS 5109	Clinical Biochemistry	4

Spring Clinical Practicum Courses	16 weeks	18 hours
MLS 4130	Chemistry / Immunology Practicum	3
MLS 4131	Hematology/Microscopy Practicum	4
MLS 4132	Immunochemistry Practicum	4
MLS 4135	Microbiology Practicum	5
MLS 4139	Review and Applications of Clinical Laboratory Concepts	2
Total Credits		60 hours