

Department of Clinical Laboratory Sciences

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	17 hours
MTEC 3101	Clinical Hematology I	2
MTEC 3107	Immunology	2
MTEC 3112	Professional Skills in CLS	2
MTEC 3121	Clinical Hematology Laboratory I	2
MTEC 3140	Quality Management / Lab Math	1
MTEC 4105	Clinical Parasitology / Mycology	2
MTEC 4107	Clinical Serology Lab	1
MTEC 5117	Genetics	1
MTEC 5119	Molecular Diagnostics	2
MTEC 5128	Clinical Immunology and Serology	2
Summer Semester	10 weeks	8 hours
MTEC 4121	Clinical Hematology Laboratory II	2
MTEC 4122	Clinical Immunohematology Laboratory	2
MTEC 5101	Clinical Hematology II	2
MTEC 5111	Clinical Immunohematology	2
Fall Semester	15 weeks	17 hours
MTEC 4102	Clinical Microscopy	2
MTEC 4118	Laboratory Management	3
MTEC 4120	Clinical Biochemistry Laboratory	2
MTEC 4125	Clinical Microbiology Laboratory	2
MTEC 5104	Clinical Microbiology	4
MTEC 5109	Clinical Biochemistry	4
Spring Clinical Practicum Courses	16 weeks	18 hours
MTEC 4130	Chemistry / Immunology Practicum	4

MTEC 4131	Hematology/Microscopy Practicum	4
MTEC 4132	Immunohematology Practicum	3
MTEC 4135	Microbiology Practicum	5
MTEC 4139	Review and Applications of Clinical Laboratory Concepts	2
Total Credits		60 hours