

MEDICAL LABORATORY SCIENCES (MLSC)

MLSC 400 Clinical Bacteriology (4 Units)

Prerequisite: Admission to the Medical Laboratory Sciences program. The Clinical Bacteriology course is designed for clinical/medical laboratory science students. The course will address and integrate specific examples of the pre-analytical and post analytical components used for specimen testing and analysis.

MLSC 401 Immunohematology (4 Units)

Prerequisite: Admission to the Medical Laboratory Sciences program. Immunohematology is a comprehensive course designed for medical laboratory science students. The course will address and integrate specific examples of the pre-analytic, analytic, and post-analytic components used for specimen testing and analysis.

MLSC 403 Clinical Chemistry (5 Units)

Prerequisite: Admission to the Medical Laboratory Sciences program. This is a comprehensive clinical chemistry course designed for medical laboratory science students. The course will address and integrate specific examples of the pre-analytic, analytic, and post-analytic components used for specimen testing and analysis.

MLSC 404 Coagulation (2 Units)

Prerequisite: Admission to the Medical Laboratory Sciences program. Coagulation investigates the normal mechanisms of hemostasis and consequences of inherited and acquired defects.

MLSC 405 Clinical Hematology (5 Units)

Prerequisite: Admission to the Medical Laboratory Sciences program. This is a comprehensive clinical laboratory hematology course designed for medical laboratory science students. The course will integrate specific examples of the pre-analytic, analytic, and post-analytic components used for specimen testing and analysis.

MLSC 406 Clinical Immunology (3 Units)

Prerequisite: Admission to the Medical Laboratory Sciences program. This is a comprehensive clinical immunology course designed for medical laboratory science students. The course will integrate specific examples of the pre-analytical, analytic, and post-analytic components used for specimen testing and analysis.

MLSC 407 Laboratory Management (2 Units)

Prerequisite: Admission to the Medical Laboratory Sciences program. This is a laboratory management course designed for medical laboratory science students. The course will address topics specific to laboratory operations and management.

MLSC 408 Molecular Diagnosis (3 Units)

Prerequisite: Admission to the Medical Laboratory Sciences program. The Molecular Diagnostics curriculum is designed for medical laboratory science students. The course will address and integrate specific examples of the pre-analytical, analytical, and post-analytical components used for Molecular testing and analysis in the clinical laboratory setting.

MLSC 409 Diagnostic Mycology/Mycobacteriology (3 Units)

Prerequisite: Admission to the Medical Laboratory Sciences program. Diagnostic Mycology/Mycobacteriology is a course that is designed for medical laboratory science students. The course is comprised of didactic, student laboratory, and virtual laboratory components.

MLSC 410 Diagnostic Parasitology (3 Units)

Prerequisite: Admission to the Medical Laboratory Sciences program. This comprehensive diagnostic parasitology course is designed for clinical/medical laboratory science students. The course will address and integrate specific examples of the pre analytical, analytical, and post-analytical components used for specimen testing and analysis.

MLSC 411 Clinical Phlebotomy (2 Units)

Prerequisite: Admission to the Medical Laboratory Sciences program. The phlebotomy curriculum is designed for medical laboratory science students. The course will address and integrate specific examples of the pre-analytical, analytical, and post-analytical components used for phlebotomy in the clinical laboratory setting.

MLSC 412 Clinical Microscopy and Urinalysis (2 Units)

Prerequisite: Admission to the Medical Laboratory Sciences program. The Clinical Microscopy/Urinalysis curriculum is designed for medical laboratory science students. The course will address and integrate specific examples of the pre-analytical, analytical, and post-analytical components used for urine and some body fluid specimens testing and analysis.