

MEDICAL LAB SCIENCES - MDT

MDT 280 Seminar: Sophomore Level I 1 Credit

Introduction to the Clinical Science Laboratory profession from variety of perspectives: history, present state of health-care delivery, job opportunities, organization of hospital laboratory. Tour of hospital laboratory.

Prerequisite: permission of program director.

MDT 281 Seminar: Sophomore Level II 1 Credit

Continuation of MDT 280.

Prerequisite: permission of program director.

MDT 380 Seminar: Junior Level I 1 Credit

Advanced discussions of Clinical Science Laboratory theory and practice designed as preparation for senior-year hospital rotation. Tour of hospital laboratory.

Prerequisite: permission of program director.

MDT 381 Seminar: Junior Level II 1 Credit

Continuation of MDT 380.

Prerequisite: MDT 380 and permission of program director.

MDT 400 Hospital Rotation: Med Tech I 15 Credits

A year-long, hospital based program. Students learn to perform, develop, evaluate, correlate and assure accuracy and validity of laboratory information in areas such as Clinical Chemistry, Hematology/Hemostasis, Immunology, Immunohematology/Transfusion Medicine, Microbiology, Urine and Body Fluid Analysis; direct and supervise clinical laboratory resources and operations; and collaborate in the diagnosis and treatment of patients.

Prerequisite: acceptance into a hospital-based clinical program.

MDT 401 Hospital Rotation: Med Tech II 15 Credits

A year-long, hospital based program. Students learn to perform, develop, evaluate, correlate and assure accuracy and validity of laboratory information in areas such as Clinical Chemistry, Hematology/Hemostasis, Immunology, Immunohematology/Transfusion Medicine, Microbiology, Urine and Body Fluid Analysis; direct and supervise clinical laboratory resources and operations; and collaborate in the diagnosis and treatment of patients.

Prerequisite: MDT 400.