### 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.