

**Medical Laboratory Technology Program
BS Medical Technology**

Recommended Course Sequencing

Each student's course schedule sequence may vary according to required prerequisite courses. Please meet with an academic advisor to verify your personal course sequencing.

First Year

Please note that students must complete 12 credits of Tier 1 GER courses prior to completing 60 credits.

Semester I

ENGL A111- Methods of Written Communication

Oral Communications: COM A111, COM A235, COM A237 **or** COM A241

BIOL A111- Anatomy and Physiology I

CHEM A103- Survey of Chemistry + Lab **or** CHEM A105- General Chemistry I + Lab

CIS A110- Computer Concepts in Business

Semester II

ENGL A212- Technical Writing

BIOL A112- Anatomy and Physiology II

CHEM A104- Introduction to Organic and Biochemistry + Lab **or** CHEM A106 General Chemistry II + Lab

MATH A107- College Algebra or any MATH course for which MATH A107 is a prerequisite

MEDT A132- Introduction to Laboratory Medicine

Summer

CHEM A321- Organic Chemistry I + Lab (for students taking CHEM A105/CHEM A106 option)

Second Year

Semester I

MEDT A203- Clinical Microbiology

MEDT A204- Hematology and Coagulation

MEDT A208- Urine and Body Fluid Analysis

MEDT A250- Cultural Diversity in Health Care

Semester II

MEDT A202- Clinical Chemistry

MEDT A206- Immunology and Blood Banking

STAT A252 Elementary Statistics **or** STAT A253 Applied Statistics for the sciences or any STAT for which STAT A252 or STAT A253 is a prerequisite

Social Science (GER)

Summer

Social Science (GER)

Third Year

Semester I

MEDT A302- Clinical Laboratory Education and Management (meets the Capstone GER requirements)

PHIL A302- Biomedical Ethics

Fine Arts (GER)

Humanities (GER)

Semester II

MEDT A301- Clinical Molecular Biology

MEDT A303- Advanced Clinical Microbiology

Humanities (GER)

Fourth Year

Semester I

MEDT A495- Medical Technology Practicum

MEDT A401- Introduction to Research

Semester II

MEDT A495- Medical Technology Practicum

Advanced Education and Training

MEDT A601- Diagnostic Flow Cytometry