

Medical Technology Preparation

Pre-professional program

FOR PRE-PROFESSIONAL PROGRAM

Total Hours:

60 minimum

Coordinator:

Mary Mumper, Associate Professor,
Department of Chemistry

- You must complete at least 60 hours of academic preparation, exclusive of Health & Physical Education, before beginning the professional segment of this program.
- The Summary of Requirements will assist you in planning your first two years of study which fulfill the requirements of the University of Maryland, Baltimore, and the National Accrediting Agency for Clinical Laboratory Science. Students interested in attending other institutions should consult their catalogs for specific entrance requirements.
- The Pre-Medical Technology Program is competitive and high-quality academic performance is expected.
- You cannot major or minor in Medical Technology Preparation.

Summary of Requirements for Pre-professional Program in Medical Technology

1. Biology: (15-16 hours)

BIOL 149 General Biology I
BIOL 304 Microbiology
BIOL 321 Anatomy and Physiology I

Biology Elective - choose one from the following:

BIOL 310 Cell Biology
BIOL 322 Anatomy and Physiology II
BIOL 350 Genetics

2. Chemistry (12 hours)

CHEM 201 General Chemistry I
CHEM 202 General Chemistry II
CHEM 301 Organic Chemistry I

3. English (6 hours)

ENGL 101/111 Freshman Composition
or ENGL 310/312 Advanced Composition
ENGL 150/250 Intro. to Literature
or an advanced English/American Literature course

4. Humanities (3 hours)

Select a non-performing course from art, music, foreign language (2nd year or above), humanities, communication studies, theatre, philosophy.

5. Mathematics (6 hours)

MATH 102 College Algebra
MATH 209/219 Elements of Applied Probability and Statistics

6. Guided Electives (3 hours)

Choose one course:

CMST 102/112 Introduction to Human Communication
COSC 100/110 Intro. to Computer Science
or an advanced computer science course

7. Social Sciences (6 hours)

Select courses from economics, geography, history, political science, psychology, sociology, African American studies.

8. Electives (minimum 8 hours)

Strongly recommended:

BIOL 150 General Biology II
BIOL 322 Anatomy and Physiology II
(if not selected as a Biology elective)
BIOL 438 Biotechnology Lab
CHEM 302 Organic Chemistry II
PHYS 215 General Physics I and PHYS 216 General Physics II
or PHYS 261 Principles of Physics I