

# Medical Technology Preparation

For Pre-professional Program

Total Hours:

65

## Summary of Requirements for Pre-professional Program in Medical Technology

### Pre-professional program

#### Coordinator:

Don Weser, Chair,  
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 at 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.

#### 1. Biology:

(16 hours)

BIOL 149 General Biology I  
BIOL 201 Anatomy and Physiology I  
BIOL 202 Anatomy and Physiology II  
BIOL 304 Microbiology

#### 2. Chemistry

(13 hours)

CHEM 101, 102 General Chemistry I, II  
CHEM 301 Organic Chemistry I

#### 3. English

(6 hours)

ENGL 101/111 Freshman Composition *or* ENGL 310 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, speech & theatre, philosophy.*

#### 5. Mathematics

(6 hours)

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

#### 6. Computer Science

(3 hours)

COSC 100 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.*

#### 8. Electives

(12 hours)

Strongly recommended:

CHEM 302 Organic Chemistry II  
BIOL 350 Genetics  
PHYS 215 General Physics I *or* PHYS 261 Principles of Physics I