

# MEDICAL TECHNOLOGY/CLINICAL LABORATORY SCIENCE (3+1)

GENERAL EDUCATION Courses that are **required** are in bold type.

REQUIRED HOURS .....48-49

Communication ..... 8

- \* ENGL 1113 **English Composition I**
- \* ENGL 1213 **English Composition II**
- \* COMM 1312 **Basic Speech**

Mathematics ..... 3

- MATH 1143 **Math Concepts**
- \* MATH 1513 **College Algebra**  
OR a higher numbered math course

Computer Applications/Technology .....2

- \* COMSC 1022 **Computers & Information Access**

Economics ..... 3

- \* ECONO 1113 **Contemporary Economics**

Health & Physical Education ..... 3

- \* HPER 1133 **Wellness Concepts & Exercise Applications (includes 1 hr lab)**
- TECH 1122 **Technology & Society**

Natural Sciences ..... 8

- \* BIOL 1004 **Biological Concepts**
- CHEM 1004 **Chemistry**
- SCI 1514 **Concepts of Physical Science**
- SCI 1614 **Science & the Environment**
- ASTRO 1904 **Astronomy**
- GEOL 1934 **Physical Geology**

Fine Arts & Humanities ..... 6

- ART 1222 **Art Survey**
- LIT 2412 **Introduction to Literature**
- MUSIC 1012 **Introduction to Music I**
- PHILO 1452 **Introduction to Philosophy**

U.S. History & Government ..... 6

- \* HIST 1063 **U.S. History**
- \* POLSC 1103 **American Government & Politics**

International & Cultural Studies .....6-7

- \* HIST 1033 **World History**
- GEOG 1103 **World Cultural Geography**
- POLSC 1153 **World Relations & Politics**
- 2 years High School Foreign Language OR 2 College Courses

Behavioral/Social Science ..... 3

- \* PSYCH 1003 **General Psychology**
- PSYCH Elective: **Developmental, Personality, Abnormal**
- SOCIO 1003 **Introduction to Sociology**

\* **Required/suggested for admission to medical technology program and/or completion of degree.**

Required Health and Life Sciences ..... 26 hours

- \* ALHLT 3193 **Health Care Delivery**
- \* BIOL 3704 **Human Anatomy**
- \* BIOL 3904 **Human Physiology**
- \* ALHLT 3933 **Management of Health Care Inst**
- \* BIOL 3254 **Genetics**
- \* ALHLT 4355 **Microbiology**
- \* ALHLT 4213 **Immunology**

Electives ..... 14

### Suggested Electives

- \* ALHLT 4404 **Pathogenic Micro**
- ALHLT 4093 **Epidemiology**
- ALHLT 4453 **Virology**
- ALHLT 4523 **Environmental Micro**
- ALHLT 3963 **Health Care Administration**

### Other Electives

- ALHLT 2442 **Medical Terminology**
- ALHLT 4872 **Hominology**
- ALHLT 3043 **Health Statistics**
- ALHLT 1401 **Allied Health Careers**
- ALHLT 3972 **Allied Health Internship**
- ALHLT 4043 **Medicolegal Concepts**
- MEDRC 4063 **Pathophysiology I**
- MEDRC 4073 **Pathophysiology II**
- BIOL 4933 **Cell Physiology**
- BIOL 4284 **Animal Physiology**

Minor: **Chemistry** ..... 18

Required Chemistry ..... 10

- CHEM 1203 **General Chemistry I**
- CHEM 1252 **General Chemistry I Lab**
- CHEM 1303 **General Chemistry II**
- CHEM 1352 **General Chemistry II Lab**

Elective Chemistry ..... 8

- CHEM **Organic Chemistry I & Lab**
- CHEM **Organic Chemistry II & Lab or**
- CHEM **Organic/Biochemistry & Lab**
- CHEM **Quantitative Analysis & Lab or**
- CHEM **Organic/Biochemistry & Lab**
- CHEM **Biochemistry & Lab**

**Clinical** (must be performed at an accredited hospital affiliate) ..... 30

- 4117 **Clinical Microbiology**
- 4125 **Clinical Chemistry I**
- 4236 **Clinical Hematology**
- 4246 **Clinical Immunology**
- 4325 **Clinical Chemistry II**
- 4351 **Topics in Medical Tec**

Minimum credit hours for graduation ..... 124