

# BACHELOR OF SCIENCE

## Health Science Major for Medical Technology (4+1)

*(Includes all Pre-Medical Technology prerequisites in Health Science major.)*

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

REQUIRED HOURS.....	48-49
Communication .....	8
ENGL <b>1113 English Composition I</b>	
ENGL <b>1213 English Composition II</b>	
COMM <b>1312 Basic Speech</b>	
Mathematics .....	3
MATH 1143 Math Concepts	
MATH <b>1513 College Algebra</b>	
OR a higher numbered math course	
Computer Applications/Technology.....	2
COMSC <b>1022 Computers &amp; Information Access</b>	
TECH 1122 Technology & Society	
Economics .....	3
ECONO <b>1113 Contemporary Economics</b>	
Health & Physical Education.....	3
HPER <b>1133 Wellness Concepts &amp; Exercise Applications (includes 1 hr lab)</b>	
Natural Sciences.....	8
BIOL <b>1004 Biological Concepts</b>	
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 <b>1063 U.S. History</b>	
POLSC <b>1103 American Government &amp; Politics</b>	
International & Cultural Studies.....	6-7
HIST <b>1033 World History</b>	
GEOG 1103 World Cultural Geography	
POLSC 1153 World Relations & Politics	
Foreign Language (4 hr/ includes 3 hr class & 2 hr lab)	
Behavioral/Social Science .....	3
PSYCH <b>1003 General Psychology</b>	
SOCIO 1003 Introduction to Sociology	

### Health Science Major in Medical Technology Code No. 552

Required Health and Life Sciences .....	30 hours
ALHLT 3193 Health Care Delivery	
<b>BIOL *3704 Human Anatomy</b>	
<b>BIOL *3904 Human Physiology</b>	
ALHLT 3933 Management of Health Care Inst	
ALHLT 3963 Health Care Administration	
ALHLT 3972 Allied Health Internship	
ALHLT 4043 Medicolegal Concepts	
ALHLT 4093 Epidemiology	
<b>*ALHLT 4355 Microbiology</b>	
Electives.....	10-12
ALHLT 1401 Allied Health Careers	
ALHLT 2442 Medical Terminology	
ALHLT 3043 Health Statistics	
<b>*BIOL 3254 Genetics</b>	
MEDRC 4063 Pathophysiology I	
MEDRC 4073 Pathophysiology II	
<b>*ALHLT 4213 Immunology</b>	
BIOL 4284 Animal Parasitology	
ALHLT 4404 Pathogenic Micro	
ALHLT 4453 Virology	
ALHLT 4503 Microbial Physiology	
ALHLT 4523 Environmental Micro	
ALHLT 4802 History of Medicine	
ALHLT 4872 Hominology	
BIOL 4933 Cell Physiology	
Minor: <b>Chemistry</b> .....	20
<b>*CHEM 1203 General Chemistry I</b>	
<b>*CHEM 1252 General Chemistry I Lab</b>	
<b>*CHEM 1303 General Chemistry II</b>	
<b>*CHEM 1352 General Chemistry II Lab</b>	
Required Chemistry .....	10
Elective Chemistry .....	10
Total.....	20
<b>Clinical</b> (must be performed at an accredited hospital affiliate) .....	30
<b>*Indicates recommended/required courses in Major and Minor</b>	
Minimum credit hours for graduation.....	124