# ALLIED HEALTH TECHNOLOGY, B.S. - MEDICAL TECHNOLOGY 3+1 YEAR OPTION

## Major in Allied Health Tech-Medical Technology, BS

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 257</td>
<td>Introduction to Allied Health Professions</td>
<td>1</td>
</tr>
</tbody>
</table>

### BIOLOGY FOUNDATIONS

- General Biology with B- or higher: 3
- BIOL 100 General Biology

### REQUIRED BIOLOGY COURSES (C- or higher)

- BIOL 254 Human Anatomy & Physiology I: 4
- BIOL 255 Human Anatomy & Physiology II: 4
- BIOL 362 Cell and Developmental Biology: 4
- BIOL 364 Foundations of Genetics & Molecular Biology: 4
- BIOL 454 Immunology: 2
- BIOL 361 Microbiology: 4

### Directed Electives

- undefined - Choose 2 of the following: 5-8
  - BIOL 211 Concepts of Zoology
  - BIOL 352 Nutritional Science
  - BIOL 360 Medical Microbiology
  - BIOL 417
  - BIOL 437 Endocrinology
  - BIOL 438 Neurobiology
  - BIOL 455 Cardiopulmonary Physiology
  - BIOL 462 Molecular Biology
  - BIOL 463 Virology
  - BIOL 465 Developmental Biology
  - BIOL 466 Molecular and Cell Techniques
  - BIOL 467 Human Genetics: Analysis/Applications
  - RESP 422 Pharmacology

### Med Tech Clinical Coursework

26 credits in Clinical Laboratory Science completed at an affiliate hospital site: 26

### Total Hours

- 57-60

## Req Related for Allied Health Tech-Medical Tech, BS

For Allied Health Technology majors the G2 block of the Liberal Arts Core will be fulfilled by your required related coursework.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 111</td>
<td>Introductory Chemistry 1</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 112</td>
<td>Introductory Chemistry 2</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 326</td>
<td>Biochemistry 1</td>
<td>4</td>
</tr>
</tbody>
</table>

For specific requirements:

A C- or higher in CHEM 111 and 112 is a pre-requisite for CHEM 235. A C- or higher in CHEM 231 is a pre-requisite for CHEM 232. Students planning to attend graduate school or pursue programs in medical, dental, veterinary, pharmacy, physical therapy or physician assistant after their clinical training should take CHEM 231 and 232 for this requirement.

### Short Course in Organic Chemistry
- CHEM 235 Organic Chemistry: 4

### Organic Chemistry I and Organic Chemistry II

#### Appendix 1

Direction:

- CHEM 231 Organic Chemistry 1: 4
- CHEM 232 Organic Chemistry 2: 4

#### Appendix 2

- CHEM 235 Organic Chemistry: 4