### 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></td>
<td>Credits Required for Major</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Minimum Residency 50% of Major Courses</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Minimum GPA 2.0 for Major</td>
<td></td>
</tr>
</tbody>
</table>

**BIOLOGY FOUNDATIONS**

- General Biology with B- or higher: 0
- BIOL 100  General Biology: 0

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

- BIOL 254  Human Anatomy & Physiology I: 0
- BIOL 255  Human Anatomy & Physiology II: 0
- BIOL 362  Cell and Developmental Biology: 0
- BIOL 364  Foundations of Genetics & Molecular Biology: 0
- BIOL 454  Immunology: 3
- BIOL 361  Microbiology: 0

**Directed Electives**

- undefined - Choose 2 of the following: 0-6
  - BIOL 211  Concepts of Zoology
  - BIOL 352  Nutritional Science
  - BIOL 363  Medical Microbiology
  - 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/Apps
  - RESP 422  Pharmacology

**Med Tech Clinical Coursework**

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

**Total Hours**: 30-36

---

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Required Related Credits</td>
<td></td>
</tr>
</tbody>
</table>

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

**CHEM 111**  Introductory Chemistry 1: 0
**CHEM 112**  Introductory Chemistry 2: 0
**CHEM 326**  Biochemistry 1: 0

**ORGANIC CHEMISTRY - Choose 1 of the following:**

- 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 - See Appendix 1**

**Organic Chemistry I and Organic Chemistry II - See Appendix 2**

- MATH 130  Elements of Statistics 1: 3
- Precalculus: 4

- Students interested in attending graduate or professional school should also take MATH 161

**Physics I with Algebra**

- PHYS 131  Physics 1 with Algebra: 0
- Students interested in attending graduate or professional school should also take PHYS 132

**Total Hours**: 7

---

### Appendix 1. Short Course in Organic Chemistry

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CHEM 235  Organic Chemistry</td>
<td>0</td>
</tr>
</tbody>
</table>

### Appendix 2. Organic Chemistry I and Organic Chemistry II

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CHEM 231  Organic Chemistry 1</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>CHEM 232  Organic Chemistry 2</td>
<td>0</td>
</tr>
</tbody>
</table>