## 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>
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<tbody>
<tr>
<td></td>
<td>Credits Required for Major</td>
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<td></td>
<td>Minimum Residency 50% of Major Courses</td>
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<td>Minimum GPA 2.0 for Major</td>
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<tr>
<td>BIOL 257</td>
<td>Introduction to Allied Health Professions</td>
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### BIOLOGY FOUNDATIONS

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

### 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 | 3 |
- BIOL 361 | Microbiology | 4 |

### Directed Electives

undefined - Choose 2 of the following: 5-8
- 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

58-61

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

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<tr>
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<td>Required Related Credits</td>
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<td>For Allied Health Technology majors the G2 block of the Liberal Arts Core will be fulfilled by your required related coursework.</td>
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- CHEM 111 | Introductory Chemistry 1 | 4 |
- CHEM 112 | Introductory Chemistry 2 | 4 |
- CHEM 326 | Biochemistry 1 | 4 |

### ORGANIC CHEMISTRY - Choose 1 of the following: 4-8

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 |
- MATH 160 | Precalculus | 4 |
- PHYS 131 | Physics 1 with Algebra | 4 |

### Total Hours

27-31

## Appendix 1. Short Course in Organic Chemistry

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<th>Hours</th>
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</table>
- CHEM 235 | Organic Chemistry | 4 |

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

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</table>
- CHEM 231 | Organic Chemistry 1 | 4 |
- CHEM 232 | Organic Chemistry 2 | 4 |