

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

In the Medical Technology program at Millersville University, students study for three years at Millersville and then apply to an accredited regional teaching hospital for one year of clinical training. Upon successful completion of the clinical phase of the program, students receive a Bachelor of Science (B.S.) in Biology degree with an option in Medical Technology. MU students are also eligible to sit for the national certification examination upon graduation.

Students hoping to pursue this field can also do so through the Clinical Laboratory Science option within the Allied Health Technology major.

Major in Allied Health Tech-Medical Technology, BS

Code	Title	Hours
Credits Required for Major		

true

Minimum Residency 50% of Major Courses
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true

Minimum GPA 2.0 for Major
true

BIOL 257	Introduction to Allied Health Professions	1
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BIOLOGY FOUNDATIONS

General Biology with B- or higher	3
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BIOL 100	General Biology
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REQUIRED BIOLOGY COURSES (C- or higher)

BIOL 254	Human Anatomy & Physiology I	4
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BIOL 255	Human Anatomy & Physiology II	4
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BIOL 362	Cell and Developmental Biology	4
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BIOL 364	Foundations of Genetics & Molecular Biology	4
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BIOL 454	Immunology	3
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BIOL 361	Microbiology	4
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Directed Electives

undefined - Choose 2 of the following:	5-8
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BIOL 211	Concepts of Zoology
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BIOL 352	Nutritional Science
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BIOL 363	Medical Microbiology
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BIOL 437	Endocrinology
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BIOL 438	Neurobiology
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BIOL 455	Cardiopulmonary Physiology
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BIOL 462	Molecular Biology
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BIOL 463	Virology
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BIOL 465	Developmental Biology
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BIOL 466	Molecular and Cell Techniques
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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

Code	Title	Hours
Required Related Credits		

true

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	4
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CHEM 112	Introductory Chemistry 2	4
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CHEM 326	Biochemistry 1	4
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ORGANIC CHEMISTRY - Choose 1 of the following:	4-8
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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
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Precalculus	4
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MATH 160	Precalculus
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Students intereted in attending graduate or professional school should also take MATH 161

Physics I with Algebra	4
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PHYS 131 Physics 1 with Algebra

Students interested in attending graduate or professional school should also take PHYS 132

Total Hours	27-31
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Appendix 1. Short Course in Organic Chemistry

Code	Title	Hours
CHEM 235	Organic Chemistry	4

Appendix 2. Organic Chemistry I and Organic Chemistry II

Code	Title	Hours
CHEM 231	Organic Chemistry 1	4
CHEM 232	Organic Chemistry 2	4