

# ALLIED HEALTH TECHNOLOGY, B.S. - RESPIRATORY THERAPY 2+2 YEAR OPTION

Millersville University's Respiratory Therapy program is one of the longest continuously accredited Respiratory Care schools in the nation, with roots in a training course that was first offered in 1963. MU offers two tracks for aspiring respiratory therapists. The 2+2 Respiratory Therapy option within the Allied Health Technology major consists of two years of undergraduate liberal arts and science coursework at Millersville followed by a 19-month professional education and training phase. At the completion of the training, students are awarded a Bachelor of Science (B.S.) in Allied Health Technology degree with an option in Respiratory Therapy.

## Major in Allied Hlth Tech-Respiratory Therapy, BS

Code	Title	Hours
<b>BIOLOGY FOUNDATIONS</b>		
General Biology with B- or higher		3
BIOL 100	General Biology	
<b>REQUIRED BIOLOGY COURSES</b>		
BIOL 254	Human Anatomy & Physiology I	4
BIOL 255	Human Anatomy & Physiology II	4
BIOL 352	Nutritional Science	3
BIOL 361	Microbiology	4
<b>REQUIRED RESPIRATORY THERAPY COURSES</b>		
RESP 410	Acute Cardiopulmonary Care	2
RESP 411	Respiratory Care Techniques 1	2
RESP 412	Principles of Aerosol & Gas Therapy	3
RESP 413	Respiratory Assessment & Therapeutics	4
RESP 414	Respiratory Care Techniques 2	3
RESP 415	Technical Aspects of Mechanical Ventilation	3
RESP 417	Respiratory Care Techniques 3	3
RESP 419	Respiratory Care in Alternate Sites	2
RESP 420	Arterial Blood Gas Analysis	3
RESP 421	Physiology of Mechanical Ventilation	2
RESP 422	Pharmacology	2
RESP 423	Infectious Diseases	2
RESP 424	Non-Infectious Diseases	2
RESP 425	Neonatology for the Respiratory Therapist	2
RESP 460	Clinical Practice 1	1
RESP 461	Clinical Practicum 1	2
RESP 462	Clinical Practice 2	1
RESP 463	Clinical Practicum 2	3
RESP 464	Clinical Practicum 3	10
RESP 495	Respiratory Care Research	2
<b>Total Hours</b>		<b>72</b>

## Req Related for Allied Hlth Tech-Resp Ther, BS

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

## CHEMISTRY

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 111, 112, 231 and 232 for this requirement. Others may take only CHEM 103 and CHEM 104.

General, Organic and Biochemistry		6
CHEM 103	Gen Organic and Biochemistry 1	
CHEM 104	Gen Organic and Biochemistry 2	

## Elements of Statistics I

MATH 130	Elements of Statistics 1	3
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Students intereted in attending graduate or professional school should also take MATH 161

## Physics I with Algebra

PHYS 131	Physics 1 with Algebra	4
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Students interested in attending graduate or professional school should also take PHYS 132

<b>Total Hours</b>		<b>13</b>
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