

# BS IN RESPIRATORY CARE

The University of Toledo offers a bachelor of science degree in respiratory care. This degree requires 120 credit hours for graduation. Respiratory care is an allied health specialty. Respiratory care practitioners work with physicians in the treatment, management, control, diagnostic evaluation and care of patients with diseases and abnormalities associated with the cardiopulmonary system.

Respiratory therapists treat a diverse group of patients ranging from newborn and pediatric patients to adults and the elderly. Disease states or conditions often requiring care include asthma, emphysema, chronic obstructive pulmonary disease (COPD), pneumonia, cystic fibrosis, acute and infantile respiratory distress syndrome as well as conditions brought on by shock, trauma or post-operative surgical complications. Respiratory therapists function in many specialty areas in the hospital, such as newborn labor and delivery, neonatal and pediatric intensive care units, pulmonary function laboratory, sleep laboratory and adult intensive care units. The baccalaureate degree prepares respiratory therapists to deliver respiratory care in the hospital, home and alternative care sites.

The student completing the Bachelor of Science in respiratory care degree program will be an advanced-level practitioner eligible to sit for the national board examination to become a Registered Respiratory Therapist (RRT) as well as take specialty examinations in the areas of Perinatal/Pediatrics, Adult Critical Care, Sleep Disorders and Pulmonary Function Technology.

For additional information please visit the Respiratory Care Website at <http://www.utoledo.edu/hhs/respiratorycare/>

## Selective Admissions Requirements

Admission into the Professional Division of the Respiratory Care Program is selective, competitive and limited due to the number of students who can be accommodated by the faculty and clinical facilities. Once accepted to the University, students must file a separate application for the respiratory care program with the program selective admissions committee through the Office of Student Services. This occurs during the second semester of the sophomore year. Students admitted to the Professional Division are required to take summer courses to start the program.

To be eligible for admission to the Professional Division of the Respiratory Care Program the criteria listed below must be met.

- Complete the following courses (or their equivalent or higher) with a grade of C or better:

Code	Title	Hours
ENGL 1110	College Composition I	3
ENGL 1130	College Composition II: Academic Disciplines And Discourse	3
MATH 1320	College Algebra	3
CHEM 1120	Chemistry For Health Sciences	4
EXSC 2560	Anatomy and Physiology I	3
EXSC 2460	Human Anatomy And Physiology I Lab	1
EXSC 2570	Human Anatomy and Physiol II	3
EXSC 2470	Human Anatomy And Physiology II Lab	1

EXSC 2590	Microbiology and Infectious Diseases	3
HEAL 1800	Medical Terminology	3
Total Hours		27

- Minimum cumulative GPA of 2.5
- In addition to cumulative GPA, the student's GPA in the following courses fulfilling the math and science prerequisite course requirements will be evaluated separately from overall GPA:

Code	Title	Hours
MATH 1320	College Algebra	3
CHEM 1120	Chemistry For Health Sciences	4
EXSC 2560	Anatomy and Physiology I	3
EXSC 2460	Human Anatomy And Physiology I Lab	1
EXSC 2570	Human Anatomy and Physiol II	3
EXSC 2470	Human Anatomy And Physiology II Lab	1
EXSC 2590	Microbiology and Infectious Diseases	3

- Admission to the Professional Division is based primarily upon the overall GPA and the GPA in math and science prerequisite classes.

The Respiratory Care Program complies with the American with Disabilities Act (ADA). If a student is unable to meet the required "Functional Abilities/Core Performance Standards," the student may consult with program faculty and with an Accessibility Specialist from The University of Toledo Student Disability Services to determine, on a case by case basis, if reasonable accommodations can be made that would permit the student to meet these "Functional Abilities/Core Performance Standards" and thus enter into the program. For a list of "Functional Abilities/Core Performance Standards" please refer to the following website: <http://www.utoledo.edu/hhs/respiratorycare/pdfs/Functional%20Abilities%202019.pdf>

Other requirements for entry in the Professional Division Program include completion of the following:

- Physical exam form and Fit for Duty Form
- Positive Hepatitis B antibody titer or evidence of completion of 3-shot Hepatitis B vaccination series
- Positive antibody titers for Rubella, Rubeola, Mumps, and Varicella. If titers are not positive, vaccination must be completed
- Tuberculosis 2-step skin test (yearly). If positive, must have negative chest x-ray
- Evidence of tetanus and diphtheria vaccination within last 10 years
- Annual multivalent flu vaccination

Below is a sample program of study. Consult your degree audit for your program requirements.

## Bachelor of Science in Respiratory Care

Course	Title	Hours
<b>First Term</b>		
CHEM 1120	Chemistry For Health Sciences <sup>1</sup>	4
ENGL 1110	College Composition I <sup>1</sup>	3
HEAL 1800	Medical Terminology <sup>1</sup>	3

HHS 1000	Health And Human Services/College Orientation	1
MATH 1320	College Algebra <sup>1</sup>	3
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**Second Term**

ENGL 1130	College Composition II: Academic Disciplines And Discourse <sup>1</sup>	3
EXSC 2560	Anatomy and Physiology I <sup>1</sup>	3
EXSC 2460	Human Anatomy And Physiology I Lab <sup>1</sup>	1
PHIL 1020	Critical Thinking	3
PSY 1010	Principles Of Psychology	3
Arts/Humanities Core		3
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**Third Term**

EXSC 2570	Human Anatomy and Physiol II <sup>1</sup>	3
EXSC 2470	Human Anatomy And Physiology II Lab <sup>1</sup>	1
HEAL 3800	Death And Dying	3
MATH 2600	Introduction To Statistics	3
Diversity of US		3
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**Fourth Term**

EXSC 2590	Microbiology and Infectious Diseases <sup>1</sup>	3
HEAL 4700	Nutritional Science	3
PHIL 3370	Medical Ethics	3
Social Sciences Core		3
Non-US Diversity		3
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**Fifth Term**

<b>Summer</b>		
RCBS 3010	Respiratory Care Fundamentals <sup>1</sup>	4
RCBS 3020	Respiratory Care Practice I <sup>1</sup>	4
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**Sixth Term**

RCBS 3110	Respiratory Care Therapeutics I <sup>1</sup>	4
RCBS 3120	Respiratory Care Practice II <sup>1</sup>	7
RCBS 3130	Cardiopulmonary Diagnostics I <sup>1</sup>	4
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**Seventh Term**

RCBS 3210	Respiratory Care Therapeutics II <sup>1</sup>	4
RCBS 3220	Respiratory Care Practice III <sup>1</sup>	7
RCBS 3230	Cardiopulmonary Diagnostics II <sup>1</sup>	3
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**Eighth Term**

RCBS 4140	Integrated Clinical Practice I <sup>1</sup>	4
RCBS 4150	Neonatal/Pediatric Respiratory Care <sup>1</sup>	4
RCBS 4160	Clinical Assessment <sup>1</sup>	3
RCBS 4700	Research Analysis In Respiratory Care <sup>1</sup>	3
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**Ninth Term**

RCBS 3300	Advanced Cardiac Life Support <sup>1</sup>	1
RCBS 4240	Integrated Clinical Practice II <sup>1</sup>	3
RCBS 4510	Respiratory Care in Alternate Sites <sup>1</sup>	3
RCBS 4800	Issues In Professional Practice <sup>1</sup>	3
RCBS 4810	Preparation For Professional Practice <sup>1</sup>	1
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Hours		11
<hr/>		120
Total Hours		120

<sup>1</sup> A "C" or better is required in this course.