

# Respiratory Therapy, A.A.S.

Visit the Respiratory Therapy page (<https://www.uvu.edu/respiratory/>) for more information on the program and access to advising.

## Program Description

The Associate of Applied Science (AAS) in Respiratory Therapy consists of comprehensive classroom and clinical curricula that prepares students for matriculation into the BS Science in Respiratory Therapy Program. Through a combination of theoretical instruction, practical laboratory experiences, and extensive clinical rotations, students gain proficiency in basic respiratory care. Obtaining the AAS does not allow students to sit for the NBRC board exams.

## Matriculation Requirements

### 1. Complete the following coursework:

- [College English](#)
- [Quantitative Literacy](#)
- [Microbiology with lab \(4 credits\)](#)
- [College Biology with lab \(5 credits\)](#)
- [Chemistry \(4 credits\)](#)
- [Human Anatomy with lab \(4 credits\)](#)
- [Human Physiology with lab \(4 credits\)](#)
- [Survey of Respiratory Therapy](#)

Note: Must pass all general education and pre-requisite courses with a minimum of a "C" grade or higher

### 2. Complete the Test of Academic Skills (TEAS)

### 3. Submit Application Fee and Application

4. Personal Interview: All candidates will be screened, and those deemed to meet or exceed basic application requirements will be invited for an interview. This interview does not guarantee acceptance into the program, as students will compete with all other applicants for matriculation into a cohort. Applicants must bring a photo ID to the interview.

### 5. Other Determining Factors

- [Prior healthcare experience \(preferred but not required\)](#)
- [Discipline for academic performance](#)
- [Successful completion of a background check](#)
- [Drug Screen](#)

## Program Requirements

Code	Title	Credit Hours
<b>Total Credit Hours</b>		<b>66</b>
<b>General Education Requirements</b>		<b>21 Credits</b>
Complete one of the following:		3
ENGL 1010	Introduction to Academic Writing (3)	
ENGL 1010H	Introduction to Academic Writing (3)	
ENGL 1005	Foundations of Academic Writing (undefined)	
ENGL 2010	Intermediate Academic Writing	3
Complete one of the following:		3
MAT 1030	Quantitative Reasoning (3)	
MAT 1035	Quantitative Reasoning with Integrated Algebra (6)	
STAT 1040	Introduction to Statistics (3)	
STAT 1045	Introduction to Statistics with Algebra (5)	
MATH 1050	College Algebra (4) (or higher QL math course)	

MATH 1055	College Algebra with Preliminaries (5)	
<b>Distribution Courses</b>		
PSY 1100 or PSY 1010	Human Development Life Span General Psychology	3
BIOL 1610 & BIOL 1615	College Biology I and College Biology I Laboratory	5
CHEM 1110 or CHEM 1210	Elementary Chemistry for the Health Sciences Principles of Chemistry I	4
<b>Discipline Core Requirements</b>		<b>45</b>
Complete one of the following:		4
ZOOL 2320 & ZOOL 2325	Human Anatomy and Human Anatomy Laboratory (4)	
ZOOL 2320H & ZOOL 2320L	Human Anatomy and Human Anatomy Honors Laboratory (4)	
Complete the following:		
ZOOL 2420 & ZOOL 2425	Human Physiology and Human Physiology Laboratory	4
MICR 2060 & MICR 2065	Microbiology for Health Professions and Microbiology for Health Professions Laboratory	4
RESP 1540	Survey of Respiratory Therapy	1
Must be accepted into Program to take these Courses		
RESP 2145	Fundamentals of Respiratory Care Lab	3
RESP 2165	Mechanical Ventilation Lab	1
RESP 2210	Cardiopulmonary and Renal Anatomy and Physiology I	3
RESP 2230	Cardiopulmonary Pathophysiology I	2
RESP 2250	Basic Patient Assessment	2
RESP 2270	Application of Cardiopulmonary Diagnostics	3
RESP 2300	Fundamentals of Respiratory Care	3
RESP 2320	Mechanical Ventilation I	3
RESP 2330	Entry Level Respiratory Therapy Review	1
RESP 2420	Critical Thinking in Respiratory Care	2
RESP 2520	Principles of Pharmacology	2
RESP 2705	Clinical Practice I	3
RESP 2715	Specialty Clinical Experiences	1
RESP 2725	Clinical Practice II	3

## Graduation Requirements

1. Completion of a minimum of 66 semester credits.
2. Must earn a C or higher in ALL Respiratory Therapy discipline courses, general education courses, and pre-requisite courses.
3. Residency hours-- a minimum of 20 credit hours through course attendance at UVU.
4. Completion of specified departmental requirements.

## Graduation Plan

This graduation plan is a sample plan and is intended to be a guide. Your specific plan may differ based on your Math and English placement and/or transfer credits applied. You are encouraged to meet with an advisor and set up an individualized graduation plan in Wolverine Track (<http://www.uvu.edu/wolverinetrack/>).

### First Year

Semester 1		Credit Hours
RESP 1540	Survey of Respiratory Therapy	1
Complete one of the following:		3
MAT 1030	Quantitative Reasoning	
MAT 1035	Quantitative Reasoning with Integrated Algebra	
STAT 1040	Introduction to Statistics	

STAT 1045	Introduction to Statistics with Algebra	
MATH 1050	College Algebra	
PSY 1010 or PSY 1100	General Psychology or Human Development Life Span	3
ENGL 1010 or ENGL 1005	Introduction to Academic Writing or Foundations of Academic Writing	3
<b>Credit Hours</b>		<b>10</b>
<b>Semester 2</b>		
ENGL 2010	Intermediate Academic Writing	3
CHEM 1110	Elementary Chemistry for the Health Sciences	4
BIOL 1610	College Biology I	4
BIOL 1615	College Biology I Laboratory	1
<b>Credit Hours</b>		<b>12</b>
<b>Second Year</b>		
<b>Semester 3</b>		
ZOOL 2320	Human Anatomy	3
ZOOL 2325	Human Anatomy Laboratory	1
<b>Credit Hours</b>		<b>4</b>
<b>Semester 4</b>		
ZOOL 2420	Human Physiology	3
ZOOL 2425	Human Physiology Laboratory	1
MICR 2060	Microbiology for Health Professions	3
MICR 2065	Microbiology for Health Professions Laboratory	1
<b>Credit Hours</b>		<b>8</b>
<b>Third Year</b>		
<b>Semester 5</b>		
RESP 2145	Fundamentals of Respiratory Care Lab	3
RESP 2210	Cardiopulmonary and Renal Anatomy and Physiology I	3
RESP 2230	Cardiopulmonary Pathophysiology I	2
RESP 2250	Basic Patient Assessment	2
RESP 2300	Fundamentals of Respiratory Care	3
RESP 2520	Principles of Pharmacology	2
<b>Credit Hours</b>		<b>15</b>
<b>Semester 6</b>		
RESP 2165	Mechanical Ventilation Lab	1
RESP 2270	Application of Cardiopulmonary Diagnostics	3
RESP 2320	Mechanical Ventilation I	3
RESP 2705	Clinical Practice I	3
RESP 2420	Critical Thinking in Respiratory Care	2
RESP 2715	Specialty Clinical Experiences	1
<b>Credit Hours</b>		<b>13</b>
<b>Fourth Year</b>		
<b>Semester 7</b>		
RESP 2330	Entry Level Respiratory Therapy Review	1
RESP 2725	Clinical Practice II	3
<b>Credit Hours</b>		<b>4</b>
<b>Total Credit Hours</b>		<b>66</b>

An online graduation plan offers students a flexible yet structured approach to their academic journey. While this sample serves as a general guideline, individual plans may differ based on Math and English placement scores. Meeting with an academic advisor is strongly recommended to customize plans and ensure all graduation requirements are met.

Online course options are available at <https://www.uvu.edu/online/courses/index.html> (<https://www.uvu.edu/online/courses/>), and advising support is available through your assigned advisor.

Course	Title	Credit Hours
<b>First Year</b>		
<b>Semester 1</b>		
RESP 1540	Survey of Respiratory Therapy	1
Quant. Lit.		3
PSY 1010 or PSY 1100	General Psychology or Human Development Life Span	3

ENGL 1010 or ENGL 1005	Introduction to Academic Writing or Foundations of Academic Writing	3
<b>Credit Hours</b>		<b>10</b>
<b>Semester 2</b>		
ENGL 2010	Intermediate Academic Writing	3
CHEM 1110	Elementary Chemistry for the Health Sciences	4
BIOL 1610	College Biology I	4
BIOL 1615	College Biology I Laboratory	1
<b>Credit Hours</b>		<b>12</b>
<b>Second Year</b>		
<b>Semester 3</b>		
ZOOL 2320	Human Anatomy	3
ZOOL 2325	Human Anatomy Laboratory	1
<b>Credit Hours</b>		<b>4</b>
<b>Semester 4</b>		
ZOOL 2420	Human Physiology	3
ZOOL 2425	Human Physiology Laboratory	1
MICR 2060	Microbiology for Health Professions	3
MICR 2065	Microbiology for Health Professions Laboratory	1
<b>Credit Hours</b>		<b>8</b>
<b>Third Year</b>		
<b>Semester 5</b>		
RESP 2145	Fundamentals of Respiratory Care Lab	3
RESP 2210	Cardiopulmonary and Renal Anatomy and Physiology I	3
RESP 2230	Cardiopulmonary Pathophysiology I	2
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RESP 2300	Fundamentals of Respiratory Care	3
RESP 2520	Principles of Pharmacology	2
<b>Credit Hours</b>		<b>15</b>
<b>Semester 6</b>		
RESP 2165	Mechanical Ventilation Lab	1
RESP 2270	Application of Cardiopulmonary Diagnostics	3
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RESP 2420	Critical Thinking in Respiratory Care	2
RESP 2715	Specialty Clinical Experiences	1
<b>Credit Hours</b>		<b>13</b>
<b>Fourth Year</b>		
<b>Semester 7</b>		
RESP 2330	Entry Level Respiratory Therapy Review	1
RESP 2725	Clinical Practice II	3
<b>Credit Hours</b>		<b>4</b>
<b>Total Credit Hours</b>		<b>66</b>

## Program Learning Outcomes

1. Perform respiratory care procedures for adult, pediatric, and neonatal patients.
2. Communicate effectively with patients, families, and healthcare teams to improve patient outcomes.
3. Exhibit ethical and professional conduct, adhering to the highest standards of patient care.

## Respiratory therapists

- Total Positions 133,900
- Field Growth 13.1%
- Median Salary \$77,960
- Average Openings 8.2