

Respiratory Therapy, A.A.S.

An Associate of Applied Science in Respiratory Therapy consists of comprehensive classroom and clinical curricula that prepares students for matriculation into the BS Respiratory Therapy program and credentialing exam offered by the National Board of Respiratory Care (NBRC). The NBRC is the credentialing arm of the American Association of Respiratory Care. Successful completion of the curriculum and the credentialing exam certifies students as a Registered Respiratory Therapist (RRT) and enables them to apply for licensure in their state of residence. Employment opportunities with health care providers range from home health and hospice to neonatal, pediatric, and adult intensive care units in UVU's service area and across the country.

Matriculation Requirements

1. Complete the following coursework:

- College English
- Quantitative Literacy
- Personal Health and Wellness
- 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)
- Physics
- 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 by the third Friday in September

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)
- Shadowing opportunity (recommended)
- Discipline for academic performance
- Successful completion of a background check
- Drug Screen

Program Requirements

Code	Title	Credit Hours
Total Credit Hours		72
General Education Requirements		27
Complete one of the following:		3
ENGL 1010	Introduction to Academic Writing CC (3)	
ENGL 101H	Introduction to Academic Writing CC (3)	
ENGL 1005	Literacies and Composition Across Contexts CC (5)	
ENGL 2010	Intermediate Academic Writing CC	3
Complete one of the following:		3
MAT 1030	Quantitative Reasoning QL (3)	
MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
STAT 1040	Introduction to Statistics QL (3)	
STAT 1045	Introduction to Statistics with Algebra QL (5)	

MATH 1050	College Algebra QL (4) (or higher QL math course)	
MATH 1055	College Algebra with Preliminaries QL (5)	
HLTH 1100 or EXSC 1097	Personal Health and Wellness TE (Highly recommended) Fitness for Life TE	2
Distribution Courses		
PSY 1100 or PSY 1010	Human Development Life Span SS General Psychology SS	3
BIOL 1610 & BIOL 1615	College Biology I BB and College Biology I Laboratory	5
CHEM 1110 or CHEM 1210	Elementary Chemistry for the Health Sciences PP Principles of Chemistry I PP	4
MICR 2060 & MICR 2065	Microbiology for Health Professions BB and Microbiology for Health Professions Laboratory	4
Discipline Core Requirements		45 Credits
Complete one of the following:		4
ZOOL 2320 & ZOOL 2325	Human Anatomy and Human Anatomy Laboratory (4)	
ZOOL 232H & ZOOL 232L	Human Anatomy BB and Human Anatomy Honors Laboratory (4)	
Complete the following:		
ZOOL 2420 & ZOOL 2425	Human Physiology and Human Physiology Laboratory	4
PHYS 1010	Elementary Physics PP	3
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	2
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 72 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-- 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

		Credit Hours
Semester 1		
RESP 1540	Survey of Respiratory Therapy	1
Complete one of the following:		3
MAT 1030	Quantitative Reasoning QL	
MAT 1035	Quantitative Reasoning with Integrated Algebra QL	
STAT 1040	Introduction to Statistics QL	
STAT 1045	Introduction to Statistics with Algebra QL	
MATH 1050	College Algebra QL	
PSY 1010 or PSY 1100	General Psychology SS or Human Development Life Span SS	3
HLTH 1100 or EXSC 1097	Personal Health and Wellness TE or Fitness for Life TE	2
ENGL 1010 or ENGH 1005	Introduction to Academic Writing CC or Literacies and Composition Across Contexts CC	3
Credit Hours		12
Semester 2		
ENGL 2010	Intermediate Academic Writing CC	3
CHEM 1110	Elementary Chemistry for the Health Sciences PP	4
BIOL 1610	College Biology I BB	4
BIOL 1615	College Biology I Laboratory	1
Credit Hours		12
Second Year		
Semester 3		
ZOOL 2320	Human Anatomy	3
ZOOL 2325	Human Anatomy Laboratory	1
PHYS 1010	Elementary Physics PP	3
Credit Hours		7
Semester 4		
ZOOL 2420	Human Physiology	3
ZOOL 2425	Human Physiology Laboratory	1
MICR 2060	Microbiology for Health Professions BB	3
MICR 2065	Microbiology for Health Professions Laboratory	1
Credit Hours		8
Third Year		
Semester 5		
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
Credit Hours		15
Semester 6		
RESP 2165	Mechanical Ventilation Lab	2
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
Credit Hours		14
Fourth Year		
Semester 7		
RESP 2330	Entry Level Respiratory Therapy Review	1
RESP 2725	Clinical Practice II	3
Credit Hours		4
Total Credit Hours		72

Program Learning Outcomes

1. Work effectively as a team member with physicians, nurses, therapists and patients as an integral part of the medical community.
2. Make correct interventional medical decisions based on assessment of patient needs and diagnosis within the scope of therapist driven protocols.
3. Comply with the ethical and legal parameters of HIPAA in the use and disclosure patients' health information.