

## Respiratory Therapy, B.S.

### Requirements

A Bachelor of Science in Respiratory Therapy consists of comprehensive classroom and clinical curricula that prepare students for the 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.

### Total Program Credits: 124

Matriculation Requirements:		
Unless students already have an RRT Certification and associate's degree, the following matriculation requirements may apply.		
1. Complete the following coursework:		
<ul style="list-style-type: none"> <li>College English (6 credits)</li> <li>Quantitative Literacy</li> <li>Personal Health and Wellness</li> <li>Microbiology with lab (4 credits)</li> <li>College Biology with lab (5 credits)</li> <li>Chemistry (4 credits)</li> <li>Human Anatomy with lab (4 credits)</li> <li>Human Physiology with lab (4 credits)</li> <li>Physics</li> <li>Survey of Respiratory Therapy Note: Must pass all general education and pre-requisite courses with a minimum of a "C" grade or higher</li> </ul>		
2. Complete the Test of Academic Skills (TEAS)		
3. Submit the Respiratory Therapy 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		
<ul style="list-style-type: none"> <li>Prior healthcare experience (preferred, but not required)</li> <li>Shadowing opportunity (recommended)</li> <li>Discipline for academic performance</li> <li>Successful completion of background check</li> <li>Drug Screen</li> </ul>		
General Education Requirements:		39 Credits
ENGL 2010	Intermediate Writing/Academic Writing and Research	3
Complete one of the following:		3
ENGL 1010	Introduction to Academic Writing (3)	
or ENGL 101H	Introduction to Writing (3)	
or ENGH 1005	Literacies and Composition Across Contexts (5.0)	
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)	

MATH 1055	College Algebra with Preliminaries (5)	
Complete one of the following:		3
HIST 1700	American Civilization (3)	
HIST 170H	American Civilization (3)	
HIST 2700	US History to 1877 (3)	
and HIST 2710	US History since 1877 (3)	
HIST 270H	US History to 1877 (3)	
and HIST 271H	US History to 1877 (3)	
POLS 1000	American Heritage (3)	
POLS 1100	American National Government (3)	
Complete the following:		
PHIL 205G	Ethics and Values	3
MICR 2060	Microbiology for Health Professions	3
and MICR 2065	Microbiology for Health Professions Laboratory	1
Complete one of the following:		2
HLTH 1100	Personal Health and Wellness (2)	
or PES 1097	Fitness for Life (2)	
Distribution Courses:		
PSY 1010	General Psychology	3
or PSY 1100	Human Development Life Span (3)	
BIOL 1610	College Biology I	4
and BIOL 1615	College Biology I Laboratory	1
CHEM 1110	Elementary Chemistry for the Health Sciences	4
or CHEM 1210	Principles of Chemistry I (4)	
Humanities Distribution		3
Fine Arts Distribution		3
Discipline Core Requirements:		85 Credits
Complete the following:		
ZOOL 2320	Human Anatomy	3
ZOOL 2325	Human Anatomy Laboratory	1
ZOOL 2420	Human Physiology	3
ZOOL 2425	Human Physiology Laboratory	1
PHYS 1010	Elementary Physics	3
RESP 1540	Survey of Respiratory Therapy	1
Must be accepted into Respiratory Therapy Program to take the following 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

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	RESP 2705	Clinical APractice I	3
	RESP 2715	Specialty Clinical Experiences	1
	RESP 2725	Clinical Practice II	3
All lower Division RESP courses must be complete before enrolling in RESP upper division courses.			
	RESP 3210	Cardiopulmonary and Renal Anatomy and Physiology II	2
	RESP 3220	Cardiopulmonary Pathophysiology II	2
	RESP 3260	Neonatal/Pediatric Critical Care	3
	RESP 3270	Adult Critical Care	2
	RESP 3280	Extended Care Roles for Respiratory Therapists	2
	RESP 3320	Mechanical Ventilation II	4
	RESP 3430	Principles of Healthcare Education and Disease Management	3
	RESP 3765	Clinical Practice III Neonatal/Pediatric Respiratory Therapy Clinical	2
	RESP 3785	Extended Roles in Respiratory Therapy Clinical	2
	NURS 4120	Rapid Response Concepts Across the Lifespan	3
or	RESP 4940	Special Topcs in Respiratory Therapy (2)	
	RESP 4610	Advanced Patient Assessment WE	3
	RESP 4640	Respiratory Therapy Capstone	2
	RESP 4775	Clinical Practice IV Adult Critical Care	4
	RESP 4800	Respiratory Therapy Seminar	3
	RESP 4890	Principles of Respiratory Care Research and Management	3

### **Graduation Requirements:**

1. Completion of a minimum of 124 semester credits, including at least 40 hours of upper-division credits.
2. Must earn a C or higher in ALL Respiratory Therapy discipline courses, general education courses, and pre-requisite courses.
3. Completion of GE and specified departmental requirements.
4. Residency hours--minimum of 30 credit hours through course attendance at UVU.
5. Successful completion of at least one Global/Intercultural course.

## Respiratory Therapy, B.S. 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](#).

Milestone courses (pre-requisites for a course in one of the subsequent semesters) are marked in red and italicized.

There are prerequisite courses that must be complete before applying to the AAS Respiratory Therapy program. Please contact the Pre-Respiratory Therapy Academic Advisor in LC 404, 801-863-6484 for more information on applying to the program.		
Semester 1	Course Title	Credit Hours
RESP 1540	Survey of Respiratory Therapy	1
MAT 1030 or MAT 1035 or STAT 1040 or STAT 1045 or MATH 1050 or higher	Quantitative Literacy	3
PSY 1010 or PSY 1100	General Psychology or Human Development Life Span	3
HLTH 1100 or PES 1097	Personal Health or Fitness for Life	2
<i>ENGL 1010 or ENGH 1005</i>	Intro to Writing or Literacies Across Contexts	3
	Semester total:	12
Semester 2	Course Title	Credit Hours
ENGL 2010	Intermediate Writing	3*
<i>CHEM 1110 or CHEM 1210</i>	Elementary Chemistry for Health Science or Principles of Chemistry	4
<i>BIOL 1610&amp; 1615</i>	College Biology and Laboratory	5
	Semester total:	12
Semester 3	Course Title	Credit Hours
ZOOL 2320	Human Anatomy	3
ZOOL 2325	Human Anatomy Lab	1
PHYS 1010	Elementary Physics	3
HH	Humanities Distribution **not required for AAS but to be full-time (does apply to BS)	3
POLS 1000 or POLS 1100 or HIST 1700 or HIST 1740	American Institutions requirements **not required for AAS but to be full-time (does apply to BS)	3
	Semester total:	13
Semester 4	Course Title	Credit Hours
ZOOL 2420	Human Physiology	3
ZOOL 2425	Human Physiology Lab	1
MICR 2060	Microbiology for Health Professions	3
MICR 2065	Microbiology for Health Professions Lab	1
FF	Fine Arts Distribution **not required for AAS but to be full-time (does apply to BS)	3

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PHIL 205G	Ethics and Values **not required for AAS but to be full-time (does apply to BS)	3
Semester 5 SPRING START ONLY	Course Title	Credit Hours
<i>RESP 2145</i>	Fundamentals of Respiratory Care Lab	3
<i>RESP 2210</i>	Cardiopulmonary and Renal Anatomy and Physiology I	3
<i>RESP 2230</i>	Cardiopulmonary Pathophysiology I	2
RESP 2250	Basic Patient Assessment	2
<i>RESP 2300</i>	Fundamentals of Respiratory Care	3
RESP 2520	Principles of Pharmacology	2
	Semester total:	15
Semester 6	Course Title	Credit Hours
<i>RESP 2165</i>	Mechanical Ventilation Lab	2
<i>RESP 2270</i>	Application of Cardiopulmonary Diagnostics	3
<i>RESP 2320</i>	Mechanical Ventilation I	3
<i>RESP 2705</i>	Clinical Practice I	3
RESP 2420	Critical Thinking in Respiratory Care	2
RESP 2715	Specialty Clinical Experiences	1
	Semester total:	14
Semester 7	Course Title	Credit Hours
<i>RESP 2330</i>	Entry Level Respiratory Therapy Review	1
<i>RESP 2725</i>	Clinical Practice II	3
RESP 3210	Cardiopulmonary and Renal Anatomy and Physiology II	2
<i>RESP 3280</i>	Extended Care Roles for Respiratory Therapists	2
<i>RESP 3260</i>	Neonatal/Pediatric Critical Care	3
NURS 4120 or RESP 4940	Rapid Response Concepts Across the Lifespan or Special Topics in Respiratory Therapy	2
	Semester total:	13
Semester 8	Course Title	Credit Hours
RESP 3220	Cardiopulmonary Pathophysiology II	2
<i>RESP 3270</i>	Adult Critical Care	2
RESP 3320	Mechanical Ventilation I	4
RESP 3430	Principles of Healthcare Educaiton and Disease Management	3
RESP 3765	Clinical Practice III Neonatal/Pediatric Respiratory Care	3
RESP 3785	Extended Roles in Respiratory Therapy Clinical	2
	Semester total:	16
Semester 9	Course Title	Credit Hours
RESP 4610	Advanced Patient Assessment	3
RESP 4640	Respiratory Therapy Capstone	2
RESP 4775	Clinical Practice IV Adult Critical Care	4
RESP 4800	Respiratory Therapy Seminar	3

RESP 4890	Principles of Respiratroy Care Research and Management	3
	Semester total:	15
	Degree total:	124