

# RESPIRATORY THERAPY 279002BS

Bachelor of Science Degree

The following information has official approval of the School of Allied Health but is intended only as a supplemental guide.

*Italicized* courses fulfill General Education requirements. Unless a course is specified, refer to the General Education guide at <http://www.uakron.edu/general-education/>

1 <sup>st</sup> Year	Fall Semester	Credit Hours	Prerequisites
3300:111	* <i>English Composition I</i>	3	Placement Test
	*3450:145 <i>College Algebra</i> or 2030:152 & 153 <i>Tech Math II&amp;III (Quantitative Reasoning)(Note a)</i>	4	Placement Test
3850:100	* <i>Intro to Sociology</i> (meets Social Science & Domestic Diversity requirement)	3	
3150:110	* <i>Intro to General, Organic &amp; Biochemistry Lecture (Natural Science requirement) (Note a)</i>	3	
3150:111	* <i>Intro to General, Organic &amp; Biochemistry Lab (Natural Science requirement) (Note a)</i>	1	
<b>Total</b>		<b>14</b>	

1 <sup>st</sup> Year	Spring Semester	Credit Hours	Prerequisites
3300:112	* <i>English Composition II</i>	3	
3750:100	* <i>Intro to Psychology (Social Science requirement)</i>	3	
2740:120	* <i>Medical Terminology (Note a)</i>	3	
7600:105	* <i>Intro to Public Speaking</i> <b>-OR-</b>	3	
7600:106	* <i>Effective Oral Communications</i>		
2790:100	* <i>Concepts in Respiratory Therapy (offered each semester) (Note a)</i>	3	3450:145 or 2030:153
<b>Total</b>		<b>15</b>	

**\* Pre-admission coursework, students must apply by November 30<sup>th</sup> (see Application Deadline/Requirements)**

2 <sup>nd</sup> Year	Fall Semester	Credit Hours	Prerequisites
2780:106	* <i>Anatomy &amp; Physiology for Allied Health I (Note a) -OR-</i>	3	
3100:200	* <i>Human Anatomy &amp; Physiology I Lecture AND</i>	3	
3100:201	* <i>Human Anatomy &amp; Physiology I Lab (Natural Science requirement) (Note a)</i>	1	
3100:130	* <i>Principles of Microbiology/Lab (Note a)</i>	3	
3600:120	<i>Intro to Ethics (Meets Humanities and Critical Thinking requirements)</i>	3	
	<i>Arts requirement</i>	3	See General Education Guide
<b>Total</b>		<b>12-13</b>	

2 <sup>nd</sup> Year	Spring Semester	Credit Hours	Prerequisites
2780:107	<i>Anatomy &amp; Physiology for Allied Health II (Note a) -OR-</i>	3	2780:106
3100:202	<i>Human Anatomy &amp; Physiology II AND</i>	3	3100:200
3100:203	<i>Human Anatomy &amp; Physiology II Lab (Note a)</i>	1	3100:202 corequisite
2790:210	<i>Respiratory Therapy Procedures I/Lab</i>	3	2790:100, 2740:120, 2780:106 or 3100:200,201
2790:215	<i>Respiratory Therapy Pharmacology</i>	3	2790:100, 3150:110, 111
	<i>Additional Arts or Humanities requirement</i>	3	See General Education Guide
<b>Total</b>		<b>12-13</b>	

2 <sup>nd</sup> Year	Summer Semester	Credit Hours	Prerequisites
2790:301	<i>Cardiopulmonary Assessment Techniques/Lab</i>	2	2790:210
<b>Total</b>		<b>2</b>	

3 <sup>rd</sup> Year		Fall Semester	
2790:302	Cardiopulmonary Anatomy & Physiology	3	2790:210, 2780:107 or 3100:202 and 3100:203
2790:340	Application of Clinical Concepts	2	2790:210 prerequisite, 2790:301 corequisite
2790:311	Respiratory Therapy Procedures II/Lab	3	2790:210, 2780:107 or 3100:202 and 3100:203
2790:312	Diagnostics I	3	2790:210 prerequisite, 2790:301, 2790:302, 2790:311 corequisites
3600:361	<i>Biomedical Ethics</i> (meets <i>Complex Systems Affecting Individual in Society</i> requirement)	3	
<b>Total</b>		<b>14</b>	

3 <sup>rd</sup> Year		Spring Semester	
2790:303	Cardiopulmonary Pathology	4	2790:301, 2790:302
2790:320	Neonatal/pediatrics for Respiratory Therapy I	3	2790:301
2790:341	RT Clinical Experience I	3	2790:340, 2790:311, 2790:220
2790:313	Diagnostics II	3	2790:311, 2790:312 prerequisites, 2790:303 corequisite
2790:315	Advanced Pharmacology for Respiratory Therapy	3	2790:215
<b>Total</b>		<b>16</b>	

3 <sup>rd</sup> Year		Summer Semester	
2790:325	Mechanical Ventilation (lab)	4	2790:303, 2790:320, 2790:312, 2790:341, 2790:315
2790:342	RT Clinical Experience II	2	3790:341, 3790:313, 3790:320
<b>Total</b>		<b>6</b>	

4 <sup>th</sup> Year		Fall Semester	
2790:420	Neonatal/Pediatrics for Respiratory Therapy II	3	2790:320
2790:443	RT Clinical Experience III	4	2790:342
2790:421	ACLS & PALS	3	2790:303, 315, 320, 340 or permission
2420:300	Supervision in a Technical Environment	3	
	<i>Domestic Diversity</i> requirement	3	See General Education Guide
<b>Total</b>		<b>16</b>	

4 <sup>th</sup> Year		Spring Semester	
2790:444	RT Clinical Experience IV	4	2790:342
2790:430	Problems in Respiratory Therapy	4	3790:313, 3790:420, 3790:443
2790:413	Respiratory Therapy in Alternate Settings (lab)	3	2790:412
	<i>Global Diversity</i> requirement	3	See General Education Guide
<b>Total</b>		<b>14</b>	

<b>Minimum Credits for Degree</b>		<b>121</b>	
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**POLICY ALERT:** By the end of your first 48 credit hours attempted, you should have completed your **REQUIRED** General Education English, Math, and Communications (Speech) requirements.

You must have a minimum cumulative GPA of 2.0 to graduate with this degree.

**NOTES:**

- a. All courses must be completed with a C or better and may only be repeated one time.

**PROGRAM CONTACT INFORMATION:** Stacia Biddle, R.R.T, Associate Professor and Program Director of Respiratory Therapy, [stacia@uakron.edu](mailto:stacia@uakron.edu), 330-972-7906.

**RESPIRATORY THERAPISTS:** assess, treat and care for patients with breathing disorders. Primary responsibilities include initiation of and monitoring of therapeutic procedures, maintaining patient records, selecting, assembling, operating and maintaining respiratory and life-support equipment.

Respiratory Therapists may be employed by hospitals, clinics, long-term acute care facilities, physician offices, pulmonary rehabilitation centers, home-care agencies, sleep-labs, durable medical equipment sales companies, as well as participate in intra-facility transport at some hospitals. According to the United States Bureau of Labor Statistic 2010, Respiratory Therapists earn a median hourly wage of \$26.86 with the bottom 10% at \$39,990 and the top 10% earning greater than \$73,410. (Mean annual wage of \$52,700 in Ohio).

The job outlook for a Respiratory Therapist is good with faster than average growth projected. The increased demand will come from the therapist's expanding role and increase in number of older persons. Related occupations include: Athletic Trainers, Occupational Therapists, Physical Therapists, Radiation Therapists, and Registered Nurses.

**ACCREDITATION:** The Bachelor of Science in Respiratory Therapy program at The University of Akron is accredited by the Commission on Accreditation for Respiratory Care (CoARC).

**APPLICATION DEADLINE:** Application deadline is November 30<sup>th</sup> for those students who will complete all of the pre-admission courses\* by the end of fall semester with a minimum 2.3 GPA or higher.

Application to the program is competitive but varies each year by applicant pool. Acceptance is based on overall grade point average as well as grades earned in required math and science courses. Application to the program requires a criminal background check (FBI and BCI). Twenty (20) students are selected each year. Applications will be administered to students while they are enrolled in 2790:100 Concepts in Respiratory Therapy, or may be picked up in the School of Allied Health, Polsky 265 at any time.