

**THE UNIVERSITY OF AKRON  
AKRON OHIO  
SUMMIT COLLEGE**

**2790  
RESPIRATORY THERAPY  
Bachelor of Science Degree**

**FIRST YEAR**

<u>Fall Semester</u>		<u>Credit Hours</u>	<u>Prerequisites</u>
2020:121	English	4	
2030:161	Math for Modern Technology	4	
2040:242	American Urban Society	3	
3150:110	Intro to General, Organic & Biochemistry	3	
3150:111	Intro to General, Organic & Biochemistry (lab)	<u>1</u>	
	Subtotal	15	

Spring Semester

2020:222	Technical Report Writing, OR	3	2020:121
3300:112	English Composition II	3	3300:111
2040:240	Human Relations	3	
2740:120	Medical Terminology	3	
2040:256	Diversity in American Society	2	2020:121
2790:100	Concepts in Respiratory Therapy	3	2030:161
xxxx:xxx	Physical Education (general education req.)	<u>1</u>	
	Subtotal	15	

**SECOND YEAR**Fall Semester

2780:106	Anatomy & Physiology for Allied Health I, <b>OR</b>	3	
3100:200	Human Anatomy & Physiology I, <b>AND</b>	3	
3100:201	Human Anatomy & Physiology Laboratory I	1	
3100:130	Principles of Microbiology	3	
3400:210	Humanities in the Western Tradition I	4	32 hrs., 3300:112
xxxx:xxx	Area Studies (general education req.)	2	
7600:106	Effective Oral Communication	<u>3</u>	
	Subtotal	15/16	

Spring Semester

2780:107	Anatomy & Physiology for Allied Health II, <b>OR</b>	3	
3100:202	Human Anatomy & Physiology II, <b>AND</b>	3	
3100:203	Human Anatomy & Physiology Laboratory II	1	
2790:210	Respiratory Therapy Procedures I (lab)	3	2790:100, 2740:120, 2780:106 or 3100:200, 201
2790:215	Respiratory Therapy Pharmacology	3	2790:100
3600:120	Introduction to Ethics	3	
xxxx:xxx	Humanities (general education req.)	<u>3</u>	
	Subtotal	15/16	

**THIRD YEAR**

		<u>Credit Hours</u>	<u>Prerequisites</u>
<b><u>Fall Semester</u></b>			
2790:301	Cardiopulmonary Assessment Techniques (lab)	2	2790:210
2790:302	Cardiopulmonary Anatomy & Physiology	3	2790:210, 2780:107 or 3100:202,203
2790:340	Application of Clinical Concepts	2	2790:210, coreq. 2790:301
2790:311	Respiratory Therapy Procedures II (lab)	3	2790:210, 2780:107 or 3100:202,203
2790:312	Diagnostics I	3	2790:210; coreq. 2790:301,302,311
3600:361	Biomedical Ethics	<u>3</u>	
	Subtotal	16	
<b><u>Spring Semester</u></b>			
2790:303	Cardiopulmonary Pathology	4	2790:301,302
2790:320	Neonatal/pediatrics for Respiratory Therapy I	3	2790:301
2790:341	RT Clinical Experience I	3	2790:340,311,220
2790:313	Diagnostics II	3	2790:311,312, coreq. 2790:303
2790:315	Advanced Pharmacology for Respiratory Therapy	<u>3</u>	2790:215
	Subtotal	16	
<b><u>Summer</u></b>			
2790:325	Mechanical Ventilation (lab)	4	2790:303,320,312,341,315
2790:342	RT Clinical Experience II	<u>2</u>	2790:341,313,320
	Subtotal	6	

Students are eligible for CRT exam (NBRC) upon successful completion of courses up to this point.

**FOURTH YEAR**

<b><u>Fall Semester</u></b>			
2790:420	Neonatal/Pediatrics for Respiratory Therapy II	3	2790:320
2790:443	RT Clinical Experience III	4	2790:342
	General elective	3	
2790:421	ACLS & PALS	3	2790:340,320,315,303
2420:202	Elements of Human Resource Management	<u>3</u>	2420:103 or permission
	Subtotal	16	
<b><u>Spring Semester</u></b>			
2790:444	RT Clinical Experience IV	4	2790:342
2790:430	Problems in Respiratory Therapy	4	2790:313,420,443
2790:413	Respiratory Therapy in Alternate Settings (lab)	3	2790:412
	General elective	<u>3</u>	
	Subtotal	14	

**Total Credits: 128**