RESPIRATORY THERAPY 279002BS

Bachelor of Science Degree

The following information is intended only as a guide. Official degree requirements are established at the time of admission to the degree-granting college. *Completion of this degree within the identified time frame below is contingent upon many factors, including but not limited to: class availability, total number of required credits, work schedule, finances, family, course drops/withdrawals, successfully passing courses, prerequisites, among others.*

Italicized courses fulfill General Education requirements. Unless a course is specified, refer to the General Education guide at http://www.uakron.edu/advising/docs/General_Education_Guide.pdf

1st Year	**Fall Semester**	Credit Hours	Prerequisites
2020:121	**English*	3	Placement Test
2030:152 2030:153	*Technical Mathematics II* ***-AND-*** *Technical Mathematics III*	2 2	Placement Test
2040:242	**American Urban Society (Social Science Requirement)*	3	
3150:110	**Intro to General, Organic & Biochemistry Lecture (Natural Science Requirement)* (Note a)	3	
3150:111	**Intro to General, Organic & Biochemistry Lab (Natural Science Requirement)* (Note a)	1	
Total		**14**	

1st Year	**Spring Semester**		
2020:222 3300:112	**Technical Report Writing* ***-OR-*** **English Composition II*	3	2020:121 or equivalent 3300:111 or equivalent
2040:240	**Human Relations (Social Science Requirement)*	3	
2740:120	*Medical Terminology	3	
	**Area Studies/Cultural Diversity Requirement*	2	
2790:100	*Concepts in Respiratory Therapy *(offered each semester)*	3	2030:153
	**Physical Education/Wellness Requirement*	1	
Total		**15**	

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

2nd Year	**Fall Semester**		
2780:106 3100:200 3100:201	**Anatomy & Physiology for Allied Health I* (Note a) ***-OR-*** **Human Anatomy & Physiology I Lecture* ***AND*** **Human Anatomy & Physiology I Lab (Natural Science Requirement)* (Note a)	3 3 1	
3100:130	**Principles of Microbiology/Lab* (Note a)	3	
3400:210 3400:221	**Humanities in the Western Tradition I* ***-OR-*** **Humanities in the World Since 1300*	4	32 credits & 3300:112 or equivalent
7600:105 7600:106	**Intro to Public Speaking* ***-OR-*** **Effective Oral Communication*	3	
	**Area Studies/Cultural Diversity Requirement*	2-3	
Total		**15-17**	

2nd Year	**Spring Semester**		
2780:107 3100:202 3100:203	Anatomy & Physiology for Allied Health II (Note a) ***-OR-*** Human Anatomy & Physiology II **AND** Human Anatomy & Physiology II Lab (Note a)	3 3 1	2780:106 3100:200 3100:202 corequisite

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, 3150:110, 111
3600:120	*Intro to Ethics (Humanities Requirement)*	3	
	Humanities Requirement	3	3400:210 or 3400:221
Total		**15-16**	

3rd Year	**Fall Semester**		
2790:301	Cardiopulmonary Assessment Techniques/Lab	2	2790:210
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	Biomedical Ethics	3	
Total		**16**	

3rd 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
Total		**16**	

3rd 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
Total		**6**	

4th 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	
	General elective	3	
Total		**16**	

4th 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
	General elective	4	
Total		**14**	

	Minimum Credits for Degree	**128**	

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

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

NOTES:

a. All math and science courses must be completed with a C or better.

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

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).

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.

APPLICATION DEADLINE: Application deadline is November 30th 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.

TRANSFER TO THE COLLEGE OF HEALTH PROFESSIONS: A student should apply for transfer to a degree-granting college upon completion of 12 UA or transfer credits and an overall GPA of at least a 3.0, along with the completion of one of the pre-requisite science classes. Students can arrange inter-college transfers through an appointment with their academic advisor; advisor contact information is listed in "My Akron."

Jacobson via Canary