

This roadmap is a recommended semester-by-semester plan of study for this major. However, courses and milestones designated as critical (in boldface and shaded areas) must be completed in the semester listed to ensure a timely graduation.

Course Subject and Title	Credit Hours	Min. Grade	Major GPA	Important Notes
Semester One: [16-20 Credit Hours]				
Requirement: Admission into the Respiratory Therapy Technology program				
RTT 11000 Introduction to Respiratory Therapy	2	C	■	
RTT 11003 Application and Mechanisms of Cardiopulmonary Anatomy and Physiology	3	C	■	
RTT 11006 Introduction to Clinical Respiratory Therapy	3	C	■	
BSCI 11010 Anatomy and Physiology for Allied Health I (3) or BSCI 20020 Biological Structure and Function (5)	3-5	C		Fulfills Kent Core Basic Sciences; see note 1 on page 2
CHEM 10050 Fundamentals of Chemistry (3) or CHEM 10054 Fundamentals of Chemistry (5) or CHEM 10060 General Chemistry I (4) or CHEM 10061 General Chemistry II (4)	3-5	C		Fulfills Kent Core Basic Sciences
HED 14020 Medical Terminology or PTST 10009 Medical Terminology	1	C		
US 10097 Destination Kent State: First Year Experience	1	C		Not required of transfer students with 25 credits
Semester Two: [6-10 Credit Hours]				
BSCI 11020 Anatomy and Physiology for Allied Health II	0-3	C		Must take if BSCI 11010 was previously selected; fulfills Kent Core Basic Sciences; see note 1 on page 2
PHY 12111 Physics for Health Technologies (3) or PHY 13001 General College Physics I (4) or PHY 13002 General College Physics I (4) or PHY 13011 College Physics I (2) and PHY 13012 College Physics II (2)	3-4	C		
Kent Core Requirement	3	C		Recommended: Kent Core Composition
Semester Three: [16-17 Credit Hours]				
RTT 11001 Respiratory Care Pharmacology	2	C		
RTT 11002 Cardiopulmonary Diseases	3	C		
RTT 11004 Therapeutics	6	C	■	Must complete 112 clinical hours
RTT 11008 Blood Gas Analysis	2	C	■	
BSCI 20021 Basic Microbiology (3) or BSCI 30171 General Microbiology (4)	3-4	C		BSCI 20022 Microbiology Laboratory is optional
Semester Four: [13 Credit Hours]				
RTT 21001 Mechanical Ventilation	5	C	■	Must complete 224 clinical hours
RTT 21003 Perinatal and Pediatric Respiratory Therapy	2	C	■	
RTT 21004 Advanced Diagnostics	3	C	■	
Kent Core Requirement	3	C		Recommended: Kent Core Mathematics and Critical Reasoning
Semester Five: [4 Credit Hours]				
RTT 21000 Critical Care	4	C	■	Must complete 192 clinical hours
Semester Six: [13 Credit Hours]				
RTT 21005 Rehabilitation and Continuing Care	2	C	■	
RTT 21010 Respiratory Therapy Capstone	3	C	■	Must complete 216 clinical hours
RTT 21012 Basic Research Development and Analysis	2	C	■	
PSYC 11762 General Psychology	3	C		Fulfills Kent Core Social Science
Kent Core Requirement	3	C		Recommend: Kent Core Humanities and Fine Arts

Graduation Requirements Summary

Minimum Total Hours	Minimum	
	Major GPA	Overall GPA
70	2.000	2.000





Kent Core Summary (visit www.kent.edu/catalog/kent-core for course list)

Kent Core Categories	Important Notes	Remaining Credit Hours
Composition (3 credit hours) <i>ENG 11002, 11011, 21011; HONR 10197, 10297</i>	Enrollment based on placement test (Recommended in Semester Two)	3
Mathematics and Critical Reasoning (3-5 credit hours)	Enrollment based on placement test (Recommended in Semester Four)	3-5
Humanities and Fine Arts (3 credit hours)		3
Social Sciences (3 credit hours)	Fulfilled in this major with PSYC 11762	0
Basic Sciences (3 credit hours)	Fulfilled in this major with BSCI 11010 or 11020 or 20020; or CHEM 10050 or 10054	0

Note 1: Students who have successfully completed ATTR/EXSC 25057/25058 Human Anatomy and Physiology I/II may use those courses in place of BSCI 20020 Biological Structure and Function or BSCI 11010/11020 Anatomy and Physiology in Allied Health I/II.