

Cleveland State University
College of Health
Associate of Applied Science in Respiratory Care Pathway to Bachelor of Science in Health Science

SUGGESTED SEQUENCE AT TRI-C	
Program Admission Requirements	Credits
ENG 1010 College Composition I	3
BIO 1100 Introduction to Biological Chemistry	3
BIO 2331 Anatomy and Physiology I	4
MATH 1240 Contemporary Mathematics	3
RESP 1100 Introduction to Respiratory Care	1
Total	14
First Semester	Credits
RESP 1300 Respiratory Care Equipment	4
RESP 1310 Cardiopulmonary Physiology	3
ENG 1020 College Composition II	3
PSY 1010 General Psychology	3
Semester Total	13
Second Semester	Credits
BIO 2341 Anatomy and Physiology II	4
RESP 1320 Acid-Base and Hemodynamics	2
RESP 1330 Cardiopulmonary Assessment and Pulmonary Diseases	5
RESP 1340 Pharmacology for Respiratory Care	2
PHIL 2050 Bioethics	3
Semester Total	16
Summer Semester	Credits
RESP 2210 Introduction to Mechanical Ventilation	1
RESP 2300 Basic Therapeutic Procedures	3
RESP 2940 Respiratory Care Field Experience I	1
Semester Total	5
Third Semester	Credits
BIO 2500 Microbiology	4
RESP 2310 Mechanical Ventilation	4
RESP 2320 Pediatric/Neonatal Respiratory Care	2
RESP 2950 Respiratory Care Field Experience II	2
Semester Total	12
Fourth Semester	Credits
RESP 2330 Respiratory Home Care/Rehabilitation	1
RESP 2342 Patient Management Problems	2
RESP 2960 Respiratory Care Field Experience III	2
Semester Total	5
Associate of Applied Science Degree Awarded	65

Honors courses are acceptable where available

Pre-requisites: College-ready in Math and English.

2 years of the same foreign language completed in high school
Students who do not meet these pre-requisites may need to complete additional credits.

*Once an associate degree is earned, additional courses taken at Tri-C may not be eligible for financial aid. Please see Financial Aid for details.

Students who plan to complete an AAS at Tri-C, then transfer to CSU to complete the BSHS are encouraged to enroll in the Tri-C/CSU Dual Enrollment Admission program. This map represents one example of how to complete the AAS and BSHS degrees. Students should work closely with counselors/advisors at both institutions to discuss options.

CSU DEGREE REQUIREMENTS	
*Courses to be taken through CSU or Tri-C	Credits
STA 147 Statistical Concepts with Apps (MATH 1410 at Tri-C)	3
HSC 203 Medical Terminology (MA 1010 or 1020 at Tri-C)	1
**Arts and Humanities (Cannot be from PHIL)	3
**Social and Behavioral Science (Cannot be from PSY)	3
General Elective	3
General Elective	3
General Elective	3
General Elective	3
General Elective	3
Total	26

MUST BE TAKEN THROUGH CSU	
First Semester	Credits
HSC 305 Culture and Health Care	3
Area of Emphasis Elective	3
Area of Emphasis Elective	3
Area of Emphasis Elective	3
Writing Across the Curriculum	3
Semester Total	15

Second Semester	Credits
Health Science Capstone	3
Writing Across the Curriculum-within major	3
Area of Emphasis Elective	3
Upper Division Elective	3
Upper Division Elective	3
Semester Total	15
Bachelor of Science in Health Science Awarded	120

** Refer to the transfer guide for Tri-C options:

<https://www.csuohio.edu/transfer-guides/tric-health>

A grade of C or higher is required in English Composition courses and all Health Science major requirements.

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CSU requires a minimum of 120 total credit hours for graduation. At least 30 credits must be completed in-residence at CSU. At least 24 upper division (300/400) level credits must be earned through CSU coursework. Students deficient in total credits or in-residence must take additional elective credits to meet the minimum requirements. Depending upon other elective choices made, students may not need as many general electives as indicated above or may need additional electives.

New college students may be required during their first semester to participate in GEN 1070, First Year Success Seminar, a one credit hour course. See a Tri-C Counselor for details.