



Associate of Applied Science to Bachelor of Science in Respiratory Care Transfer Pathway

Course selection/order may vary. All pathways are subject to change.

Program Admission Requirements

Tri-C Course Name	Credit Hrs
BIO 1100: Introduction to Biological Chemistry	3
BIO 2331: Anatomy and Physiology I	4
MATH 1240: Contemporary Mathematics	3
ENG 1010/101H: College Composition I/Honors	3
RESP 1100: Introduction to Respiratory Therapy	1
Semester Total	14

Year One Curriculum

Semester One

Tri-C Course Name	Credit Hrs
RESP 1300: Respiratory Care Equipment	4
RESP 1310: Cardiopulmonary Physiology	3
ENG 1020/102H: College Composition II/Honors	3
PSY 1010/101H: General Psychology/Honors	3
Semester Total	13

Semester Two

Tri-C Course Name	Credit Hrs
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 2050/205H: Bioethics/Honors	3
Semester Total	16

Summer Semester

Tri-C Course Name	Credit Hrs
RESP 2210: Introduction to Mechanical Ventilation	1
RESP 2300: Basic Therapeutic Procedures	3
RESP 2940: Respiratory Care Field Experience I	1
Semester Total	5

Cumulative Total Credit Hours After Year One: 48

Year Two Curriculum

Semester One

Tri-C Course Name	Credit Hrs
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

Semester Two

Tri-C Course Name	Credit Hrs
RESP 2330: Respiratory Home Care/Rehabilitation	1
RESP 2342: Patient Management Problems	2
RESP 2960: Respiratory Care Field Experience III	2
Semester Total	5

Cumulative Total Credits After Year Two: 65

Student will have earned the Cuyahoga Community College Associate of Applied Science degree at the conclusion of the above curriculum plan.

Year Three Curriculum

Semester One

Ursuline Course Name	Credit Hrs
RC 310: Professionalism & Leadership in Respiratory Care	3
Religious Studies Elective	3
UC 201: Identity, Diversity & Community	3
MAT 212: Principles of Statistics	3
Semester Total	12

Semester Two

Ursuline Course Name	Credit Hrs
RC 390: Educational Methods in Respiratory Care	3
300-level or higher Religious Studies Choice	3
RC 380: Research Methods in Respiratory Care	3
English Literature Elective	3
Semester Total	12

Summer Semester

Ursuline Course Name	Credit Hrs
Respiratory Care Elective	2
Respiratory Care Elective	3
Elective	2
Semester Total	7

Cumulative Total Credits After Year Three: 96

Year Four Curriculum

Semester One

Ursuline Course Name	Credit Hrs
RC 410: Principles of Management in Respiratory Care	3
History or Political Science Elective	3
Respiratory Care Elective	3
300-level or higher Philosophy Choice	3
Semester Total	12

Semester Two

Ursuline Course Name	Credit Hrs
RC 460: Advanced Applications of Mechanical Ventilation and Patient Monitoring	3
UC 401: Capstone Seminar	3
RC 490: Respiratory Care Capstone	3
Art or Music Elective	3
Semester Total	12

Cumulative Total Credits After Year Four: 120

Student will have earned the Ursuline College Bachelor of Science in Respiratory Care at the conclusion of the above curriculum plan.

Special Notes:

- Half of Ursuline major core classes must be completed at Ursuline.

Disclaimer: *The fluidity of these pathways is acknowledged. At each level changes are possible as requirements, courses, course numbers, etc. may change. All efforts have been made to confirm the accuracy of the pathway by each institution. Always be aware of the date of review on the document. Always seek the assistance of an Academic Advisor or Counselor.*