

Respiratory Care

Bachelor of Science (BS)

This degree map is based on the current Academic Catalog and is subject to change. Please note that the degree map is designed to give you a sense of roughly how courses might be distributed over a 4-year degree. Your exact schedule will differ depending on a range of factors though we recommend taking a minimum of 15 credits each fall and spring semester. Regular consultation with your academic advisor is the best way to make sure that you are taking the courses you need in the right order to ensure efficient progress through your degree program.

Sample 4-Year Plan

First Year

Fall Courses (any campus B, LH or M)	Credits	Spring Courses (any campus B, LH or M)	Credits
HLSC115/BIOL180 Human Anatomy & Physiology 1	4	HLSC115/BIOL181 Human Anatomy and Physiology 2	4
MATH118 College Algebra	3	General Education	9
WRIT103 Foundations of Composition	3	Elective	3
FYS100 First Year Seminar	3		
General Education	3		
Semester Total	16	Semester Total	16

Second Year

Fall Courses (any campus (B, LH, M))	Credits	Spring Courses (B, LH, M)	Credits
CHEM118 Introduction to Chemistry	4	BIOL235 Allied Health Microbiology	4
General Education	9	PHIL205 Medical Ethics	3
Elective	3	General Education	6
Semester Total	16	Semester Total	13

Third Year

Fall Courses (Guthrie Campus)	Credits	Spring Courses (Guthrie Campus)	Credits	Summer Courses (Guthrie Campus)	Credits
REST301 Principles in Resp Care	3	REST321 Mechanical Vent	4	REST333 Clinical Practicum 3	5
REST302 Resp Care Modalities & Equip	4	REST322 Clinical Practicum 2	3	REST336 Resp Diseases 2	2
REST310 Pulm Function Testing	2	REST324 Resp Care Pharmacology	2		
REST311 Clinical Practicum 1	1	REST325 Resp Diseases 1	3		
REST312 Arterial Blood Gases	2	REST328 Resp Care Alt Sites	1		
Semester Total	12	Semester Total	13	Semester Total	7

Fourth Year

Fall Courses (Guthrie Campus)	Credits	Spring Courses (Guthrie Campus)	Credits
REST412 Advanced Cardiopulmonary	3	REST424 Research Methods & Evidence Based Practice	2
REST414 Clinical Practicum IV	5	REST425 Clinical Practicum V	5
REST415 Advanced Mechanical Ventilation	3	REST426 Resp Care Leadership & Management	3
REST418 Perinatal/Pediatric Resp Care	3	Free Elective	3
Semester Total	14	Semester Total	13

Winter College - Optional

While not required, Winter sessions are offered each year and may help you stay on track or get ahead. You may take up to seven (7) credits during Winter College.

Curriculum Checklist

Required Courses (60 credits)

- ___ BIOL181 Human Anatomy & Physiology II (4)
- ___ REST301 Principles in Resp Care (3)*
- ___ REST302 Resp Care Modalities & Equip (4)*
- ___ REST310 Pulmonary Function Testing (2)*
- ___ REST311 Clinical Practicum I (1)*
- ___ REST312 Arterial Blood Gas (2)*
- ___ REST321 Mechanical Ventilation (4)*
- ___ REST322 Clinical Practicum II (3)*
- ___ REST324 Resp Care Pharmacology (2)*
- ___ REST325 Resp Care Disease I (3)*
- ___ REST328 Resp Care in Alternative Sites (1)*
- ___ REST333 Clinical Practicum III (5)*
- ___ REST336 Resp Diseases II (2)*
- ___ REST412 Advanced Cardiopulmonary (3)*
- ___ REST414 Clinical Practicum IV (5)*
- ___ REST415 Advanced Mechanical Ventilation (3)*
- ___ REST418 Perinatal/Pediatric Resp Care (3)*
- ___ REST424 Research Methods & Evidence Based Practice (2)*
- ___ REST425 Clinical Practicum V (5)*
- ___ REST426 Resp Care Leadership & Management (3) *

General Education Requirements

(45 credits)

Note: Some requirements may be fulfilled by coursework in your major program including directed Gen Ed courses noted below

- Foundations (15 credits)
 - Quantitative: MATH118 College Algebra
 - Writing: WRIT103 Foundations in Composition
- Interconnections (9 credits)
- Citizenship & Responsibility (6 credits from at least two goals)
 - PHIL205 Medical Ethics
 - Critical Reasoning, R or Citizenship, S
- Natural World & Technologies (9 credits)
 - HLSC115/BIOL180 Anatomy & Physiology 1 (4)
 - BIOL235 Allied Health Microbiology (4)
 - CHEM118 Introduction to Chemistry (4)
- Creativity & Expression (6 credits)
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Degree Requirements

All students must obtain a minimum of 120 credits (A minimum of 42 credits must be advanced course work), complete all General Education requirements, and all requirements for the selected major. Meet with your advisor and consult Degree Works to monitor your progress and for all graduation requirements.

A minimum GPA of 2.7 in the major and overall are required. A grade of C or higher is required in all math and science courses.

*Denotes advanced coursework

Students must take a minimum of 42 credits of advanced coursework. Advanced coursework can be met in major courses, minor courses, free elective courses, and general education courses. Courses that meet this requirement are designated in Banner.