

RESPIRATORY THERAPY

Bachelor of Science (BS)

This is a guide based on the 2025-2026 Undergraduate Bulletin and is subject to change. This is a cooperative program with the Cape Girardeau Career and Technology Center (CTC). The time it takes to earn a degree will vary based on several factors such as dual enrollment, remediation, and summer enrollment. Students will meet with an academic advisor each semester and use Degree Works to monitor their individual progress.

CURRICULUM CHECKLIST

Required Courses – 110 hours:

- ___ BS113/013 Anatomy and Physiology I (4)*
- ___ CH181/184 Basic Principles of Chemistry (4)*
- ___ EN100 English Composition (3)
- ___ EN140 Rhetorical and Critical Thinking (3)
- ___ FN235 Nutrition for Health (3)
- ___ HL113 Medical Terminology (3)
- ___ HL120 Health Perspectives (3)
- ___ HL303 Research Methods (3)
- ___ MA155 Statistical Reasoning (3)*
- ___ PS103 US Political Systems (3)
- ___ PY220 Psychological Development Across the Lifespan (3)
- ___ RT100 Introduction to Respiratory Therapy (3)*
- ___ RT208 Clinical Observation (1)
- ___ RT210 Respiratory Pharmacology (5)
- ___ RT214 Cardiopulmonary A&P (5)
- ___ RT220 Laboratory I (2)
- ___ RT225 Fundamentals of Respiratory Therapy I (5)
- ___ RT300 Adult Respiratory Disease I (3)
- ___ RT302 Adult Respiratory Disease II (2)
- ___ RT304 Clinical Practice I (6)
- ___ RT305 Pediatric Respiratory Diseases (2)
- ___ RT310 Pulmonary Diagnostics-PFT (1)
- ___ RT314 Clinical Practice II (4)
- ___ RT325 Fundamentals of Respiratory Therapy II (3)
- ___ RT330 Laboratory II (1)
- ___ RT340 Applied Respiratory Microbiology (1)
- ___ RT350 Mechanical Ventilation Theory (3)
- ___ RT405 Advanced Neonatal & Pediatric Respiratory Care (4)
- ___ RT410 Hemodynamics and EKG (4)
- ___ RT420 Respiratory Care Simulation and Prep (4)
- ___ RT424 Respiratory Care Advanced Internship (4)
- ___ RT425 Respiratory Care Advanced Internship II (4)
- ___ RT440 Advanced Mechanical Ventilation (4)
- ___ SC155 Interpersonal Communication (3)
- ___ TS105 Exploring Allied Health Careers (1)

*Requires a grade of C or higher

General Education Requirements – some requirements may be fulfilled by coursework in major program

- Social and Behavioral Sciences – 6 hours
- Constitution Requirement – 3 hours
- Written Communication – 6 hours
- Oral Communication – 3 hours
- Natural Sciences – 7 hours (from two disciplines, one to include a lab)
- Mathematics – 3 hours
- Humanities & Fine Arts – 9 hours (from at least two disciplines)
- Additional requirements – 5 hours (to include UI100 for native students)
- Civics examination

SAMPLE FOUR-YEAR PLAN

	Fall Semester		Spring Semester	
	Course #	Hrs	Course #	Hrs
FIRST YEAR	UI100	1	EN140	3
	BS113/013	4	FN235	3
	EN100	3	HL120	3
	MA155	3	PY220	3
	TS105	1	General Education	3
	Total	12	Total	15
SECOND YEAR	CH181/184	4	HL113	3
	PS103	3	HL303	3
	SC155	3	RT100	3
	General Education	3	General Education	3
			Elective	1
	Total	13	Total	13
THIRD YEAR	RT208	1	RT300	3
	RT210	5	RT304	6
	RT214	5	RT305	2
	RT220	2	RT325	3
	RT225	5	RT330	1
			RT340	1
Total	18	Total	16	
SUMMER	RT302	2		
	RT310	1		
	RT314	4		
	RT350	3		
	Total	10		
FOURTH YEAR	RT405	4	RT420	4
	RT410	4	RT425	4
	RT424	4	RT440	4
	Total	12	Total	12

Degree requirements for all students: a minimum of 120 credit hours, completion of the General Education program, and completion of 39 senior division hours (300-599). Refer to the Undergraduate Bulletin or Degree Works for additional graduation requirements for your program.

A minimum 2.5 GPA is required to graduate with a Bachelor of Science degree, major in Respiratory Therapy.

Revised
2/27/2025

2025-2026 *degree map*



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ADMISSION TO RESPIRATORY THERAPY MAJOR

Students interested in the professions in respiratory therapy may contact the Department of Allied Health, Kinesiology, & Sport Sciences to declare the pre-major in Respiratory Therapy any time after being admitted to the university. Upon completion of the declaration of major form, each student will be assigned an advisor with Academic Advising.

The declaration of major form does not constitute formal admission to the Respiratory Therapy program. Students are formally admitted to the major upon submission of the application to the director of the Respiratory Therapy program. The director of the Respiratory Therapy program will review and verify the student meets the following prerequisites:

1. Have a grade of 'C' or higher in BS113/013, CH181/184, MA155, and RT100.
2. Have a minimum cumulative 2.5 GPA.
3. Have documented completion of 6-12 hours of job shadowing in a hospital setting*.
4. Completion of the Test of Essential Academic Skills (TEAS) examination.
5. Complete an interview as part of the selection process and opportunity to learn the expectations of the program.
6. Completion of a background check.

* Job shadowing and interviews may start as soon as the fall semester of the second year of the program prior to entering the respiratory program.

Admitted students must maintain a 2.0 GPA on the Respiratory Therapy grading scale:

A = 100-93% (4.0 GPA)

B = 92-84% (3.0 GPA)

C = 83-75% (2.0 GPA)

D = <75% (1.0 GPA)

Accreditation: Information pertaining to student learning and achievement in the Respiratory Therapy program accredited by CoARC (Commission on Accreditation of Respiratory Care) can be obtained by visiting www.coarc.com, the Department of Allied Health, Kinesiology, & Sport Sciences website (semo.edu/alliedhealth), or by contacting the department chairperson, Dr. Jason Wagganer at jwagganer@semo.edu or 573-651-2197.

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2/27/2025

2024-2025 *degree map*

