

# RESPIRATORY THERAPY

## Bachelor of Science (BS)

This is a guide based on the 2024-2025 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)\*
- \_\_\_ CH181/081/001 Basic Principles of Chemistry (5)\*
- \_\_\_ 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 (5)
- \_\_\_ 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       |
| <b>FIRST YEAR</b> | UI100         | 1         | EN140           | 3         |
|                   | BS113/013     | 4         | FN235           | 3         |
|                   | EN100         | 3         | HL120           | 3         |
|                   | MA155         | 3         | PY220           | 3         |
|                   | TS105         | 1         | RT100           | 3         |
|                   | <b>Total</b>  | <b>12</b> | <b>Total</b>    | <b>15</b> |

|                    |                   |           |                   |           |
|--------------------|-------------------|-----------|-------------------|-----------|
| <b>SECOND YEAR</b> | CH181/081/001     | 5         | HL113             | 3         |
|                    | PS103             | 3         | HL303             | 3         |
|                    | SC155             | 3         | General Education | 3         |
|                    | General Education | 3         | General Education | 3         |
|                    |                   |           | Elective          | 1         |
|                    | <b>Total</b>      | <b>14</b> | <b>Total</b>      | <b>13</b> |

|                   |           |              |           |   |
|-------------------|-----------|--------------|-----------|---|
| <b>THIRD YEAR</b> | RT208     | 1            | RT300     | 3 |
|                   | RT210     | 5            | RT304     | 5 |
|                   | RT214     | 5            | RT305     | 2 |
|                   | RT220     | 2            | RT325     | 3 |
|                   | RT225     | 5            | RT330     | 1 |
|                   |           |              | RT340     | 1 |
| <b>Total</b>      | <b>18</b> | <b>Total</b> | <b>15</b> |   |

|               |              |           |  |  |
|---------------|--------------|-----------|--|--|
| <b>SUMMER</b> | RT302        | 2         |  |  |
|               | RT310        | 1         |  |  |
|               | RT314        | 4         |  |  |
|               | RT350        | 3         |  |  |
|               | <b>Total</b> | <b>10</b> |  |  |

|                    |              |           |              |           |
|--------------------|--------------|-----------|--------------|-----------|
| <b>FOURTH YEAR</b> | RT405        | 4         | RT420        | 4         |
|                    | RT410        | 4         | RT425        | 4         |
|                    | RT424        | 4         | RT440        | 4         |
|                    | <b>Total</b> | <b>12</b> | <b>Total</b> | <b>12</b> |

**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  
3/26/2024



# 2024-2025 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, 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](http://www.coarc.com), the Department of Allied Health, Kinesiology, & Sport Sciences website ([semo.edu/alliedhealth](http://semo.edu/alliedhealth)), or by contacting the department chairperson, Dr. Jason Wagganer at [jwagganer@semo.edu](mailto:jwagganer@semo.edu) or 573-651-2197.

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2024-2025 *degree map*

