

FREQUENTLY ASKED QUESTIONS ABOUT THE CARDIOPULMONARY SCIENCE DEGREE

1. Why do I need a BS degree?

The continually expanding knowledge base of today's respiratory care field requires a more highly education professional. The realities of healthcare reform under the Patient Protection and Affordable Care Act place additional importance on higher education as the foundation for professional roles and reimbursement for professional services.

2. What roles can I expect to fulfill with a BS degree?

- Diverse clinical settings
- Leadership roles
- Educational settings
- Higher level of independence in clinical decision making
- Patient education
- Community health
- Health promotion & maintenance
- Cardiopulmonary Case Managers
- Extracorporeal Membrane Oxygenation (ECMO) Specialists
- Telehealth roles

3. How quickly can I complete the program?

Courses are offered two of the three semesters annually. Some courses are full term, and some are half term. Except for the capstone course, which must be completed during the final semester, courses can be taken in any sequence and with any time frame. Taking 3 courses each semester, you could complete the degree in just 4-semesters.

4. How much does the program cost?

At \$120.32 per semester hour (\$623.29 for out-of-state fees), the tuition for this 36-hour program is \$4,331.52 for in-state and \$22,438.44 for out-of-state. Tuition may increase subject to Florida legislative action. Approximately \$1,000.00 additional is required for books.

5. Must I obtain the RRT Credential to complete this program?

Yes! You are required to take and pass both the Therapist Multiple Choice and Clinical Simulation Exams to obtain the Registered Respiratory Therapist certification (RRT). The exam is owned and administrated by the National Board for Respiratory Care. Proof of this certification must be submitted in order to receive credit for RET 3960 (Respiratory Therapy Professional Credentialing) course.

6. Is the program accredited?

This is not a requirement for Degree Advancement programs, but we want to hold our program and faculty to the highest standard by receiving accreditation from the Commission on Accreditation for Respiratory Care (CoARC). Currently, our intent for accreditation application has been accepted. Accredited programs have met the minimum accreditation standards set by

the professional organization and undergone a rigorous voluntary peer review process.
Information can be found at: [CoARC](#)

7. What courses are required?

40 lower-division credits hours from A.S. or A.A.S. Respiratory Care Program (CoARC accredited)

8 lower-division additional credit hours

- BSC1085C (or equivalent) Human Anatomy & Physiology II
- MCB1010C (or equivalent) Microbiology

State mandated 36 credit hours of general education core courses

- Communication – 9 credits
- Mathematics – 6 credits
- Natural Sciences – 6 credits
- Humanities – 6 credits
- Social Science – 9 credits

36 upper-division credit hours of the Cardiopulmonary program specific courses

- HSC4550 Pathophysiology for Health Care
- RET4354 Advanced Pharmacology
- RET4445 Cardiopulmonary Diagnostics
- RET3536 Cardiopulmonary Rehabilitation
- RET3041 Cardiopulmonary Education and Promotion
- HSA4107 Health Services Administration
- RET4245 Advanced Life Support
- HSC3730 Research Methods for Health Professions
- HSC4645 Legal and Ethical Aspects of Health Care
- HSA4383 Quality Management and Process Improvement
- RET3960 Respiratory Therapy Professional Credentialing
- RET4950 Respiratory Care Capstone (this must be taken final semester)

8. Is Clinical training required in this program?

No! All clinical education was completed during the Entry-level to practice Associates program.

9. If I have previous college courses, will they count towards graduation from this program?

Transcripts from a previous college must be submitted to and reviewed by the DSC Admissions department. This department will determine if the courses are transferable for credit and can be applied towards this Bachelor of Science Degree. You may be asked for catalog or course descriptions from your previous classes. Respiratory specific courses will be evaluated on a case-by-case basis for consideration.

10. When may I start the program?

Applications are accepted year-round, and students may start during any semester.

Requirements to apply:

- Conferred A.S. or A.A.S. in Respiratory Care from a CoARC accredited program at a regionally accredited institution
- Completion of a Bachelor of Science in Cardiopulmonary Science Application for Admission in the Admissions office or online. All applicants must provide official transcripts from all previous institutions attended.
- 2.0 or greater cumulative GPA on all college coursework.

Be advised that application submission does not guarantee admission.

It is your responsibility to check daytona.state.edu email often for communications about acceptance.