

DAYTONA STATE COLLEGE
Accelerated
BACHELOR OF SCIENCE – CARDIOPULMONARY SCIENCE

Pre-requisite

Completion of an Associate of Science (AS) or Associate of Applied Science (AAS) in Respiratory Care from a CoARC accredited program from a regionally accredited institution.

Application requirements include official transcripts evaluated by DSC, with a minimum overall GPA of 2.0.

Program Courses

These may be taken in any semester the course is offered and in any sequence except for the Capstone course, which must be taken during the final semester of study.

General Education Requirements: Communication – 9 credits

Math – 6 credits

Natural Science – 6 credits

Humanities – 6 credits – including Cultural/Global elective

Social Science – 9 credits – including Civic Literacy

As part of general education curriculum, 2 years of high school or 2 semesters of college foreign language required.



Lower-division Requirements:

Microbiology with Lab

Human Anatomy & Physiology I and II with Lab

Program Specific Requirements:

RET 3536

Cardiopulmonary Rehabilitation

HSA 4107

Health Services Administration

HSC 3730

Research Methods for Health Professions

RET 4245

Advanced Life Support

RET 4445

Cardiopulmonary Diagnostics

RET 4354

Advanced Pharmacology

RET 3041

Cardiopulmonary Education & Promotion

HSC 4550

Pathophysiology for Health Care

HSC 4644

Legal & Ethical Aspects of Health Care

HSA 4383

Quality Management & Process Improvement

RET 3960

Respiratory Therapy Professional Credentialing

RET 4950

Respiratory Care Capstone

Additional Information

The program courses will be offered during two of the three semesters.

The program is 100% on-line with no face-to-face requirement, but options to participate in campus events.

The program is accelerated with some courses meeting for A or B term semesters.

Course offerings are subject to change.

Total Credit Hours required:

36 Associate of Arts General Education Core & Electives

40 AS or AAS degree program major specific courses

8 Additional natural science course requirements

36 BS Cardiopulmonary Science program specific

120 Total

This program has applied for provisional accreditation by the Commission on Accreditation for Respiratory Care (CoARC). Approval from the FL DOE and SACS has already been granted.

The cost of the program will vary depending on how many credits are completed prior to start. In-state tuition cost is \$102.38 per lower division credit hour and \$120.32 per upper division credit hour. Pending SACSCOC approval, this program is eligible for financial aid.

This BS Degree program will complement our current AS Respiratory Care degree. Graduates will have expanded scope of care in the cardiopulmonary field with opportunities for leadership and education advancement, high complexity testing and potential for Telehealth services and direct provision of services through CMS.

Applications are accepted year-round.

Visit our website by typing "Cardiopulmonary Science" into the Daytona State College website or

<https://www.daytonastate.edu/academic-departments/college-of-health-and-public-services/school-of-health-careers/bachelor-cardiopulmonary-science.html>



To be eligible for graduation, students must successfully pass the National Board for Respiratory Care board exams and hold the RRT credential.



For more information, please contact:

Admissions Office | admissions@daytonastate.edu | 386-506-3759

RC / CPS Program Director – Melanie McDonough | melanie.mcdonough@daytonastate.edu | 386-506-3759

Academic Advisor – Melissa Brown | melissa.brown-mack@daytonastate.edu | 386-506-3052

Here is the anticipated schedule of courses, but offerings are subject to change. Courses may be closed due to low enrollment.

FALL TERM

HSC 4550 – full term
RET 4354 – A term
RET 3536 – full term
RET 4445 – B term
HSC 4644 – A term
RET 3041 – B term
RET 4950 – full term
HSA 4383 – half term
HSA 4107 – half term

SPRING TERM

HSC 4550 – full term
RET 4354 – A term
RET 3536 – full term
HSC 3730 – B term
RET 3041 – A term
RET 4245 – full term
RET 3960 – full term
RET 4950 – full term
HSA 4383 – half term
HSA 4107 – half term

SUMMER TERM

HSC 3730 – A term
RET 4245 – full term
RET 4445 – B term
HSC 4644 – B term
RET 3960 – full term
RET 4950 – full term