

Associate in Science in Respiratory Care Program Code 2132

Program Description: Respiratory Care is a specialty dealing with the diagnosis, treatment and rehabilitation of patients with cardiorespiratory diseases. The program is accredited by the Commission on Accreditation for Respiratory Care (CoARC). The degree satisfies the requirements established by the National Board for Respiratory Care and qualifies the graduate as a candidate for the national registry examination.

Pathway: Health Sciences

Program Entrance Requirements: The Associate of Science in Respiratory Care is a limited access program. Admission to the college does not guarantee admission into the program. Students are required to complete a supplemental application and meet specific criteria. There are a limited number of students admitted to the program each year. Please refer to the Health Science Admissions information included in Appendix C of the catalog for specific admissions requirements. Students can also access admissions requirements online at www.broward.edu/healthsciences. Applicants must meet the following requirements:

- HS Diploma or GED
- Enrolled in Broward College
- Possess a minimum transfer and Broward College GPA of 2.5
- Complete ALL prerequisites prior to program application
- Complete a limited Access Health Science Application
- Completion of a day of shadowing is required before admission, which is arranged by the Program Manager.

Additional Program Information: One cohort of 30 students is admitted each August. Auditing Passed Courses is required. The program has an obligation to assure that any student who progresses in the program and is eventually assigned to a clinical rotation has demonstrated sufficient academic knowledge as well as competency in the skills that will be required in the clinical arena. A student repeating a respiratory course will be required to audit all respiratory courses already passed in the same year as the failed course.

All students must be aware that if they are receiving Financial Aid, these audited courses will not be included in the financial aid package. The student must pay the full cost of the course including any fees that are part of the course. The audited course must be successfully repeated (grade of “C” or higher) in order to continue in the respiratory program.

A final grade of "C" or higher must be achieved in each Respiratory Care course for continuance in the Program. A student who withdraws or is withdrawn from a Respiratory Care course shall refer to College Policy 6Hx2-5.33 and Procedure A6Hx2-5.33 on Re-entry into a Health Sciences Program and/or program guidelines. Reentry to a Program will be based upon space availability. Only one reentry will be allowed. The student who reenters must maintain a “C” or higher in each Respiratory Care course to continue in a Program. The student receiving a grade of D OR F in any course after reentry will result in permanent dismissal from the BC Respiratory Care program.

After admission, students are required to complete the Basic Life Support (CAE0062) certificate course. The due dates for the course are given in the mandatory, general orientation meeting prior to the beginning of the program.

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Related Industry Certifications: Upon completing this program, graduates will be eligible to sit for the following industry certifications/licenses:

- Florida Board of Respiratory Care
- CRT and RRT exams

Location(s): General Education courses can be taken at any college location. The program core courses are only taught on the North Campus. Please consult the course schedule for specific semester locations.

Contact information: Program contact information can be found at

www.broward.edu/academics/programs/respiratory/Pages/default.aspx

Related Programs at Broward College: N/A

General Education Credit Hours		19
ENC1101	Composition I	3
BSC2085	Anatomy and Physiology I	3
BSC2085L	Anatomy and Physiology I Lab	1
MGF1106	Mathematics for Liberal Arts I	or
MAC1105	College Algebra	3
PSY2012	General Psychology	or
SGY2000	Principles of Sociology	3
SPC1608	Introduction to Public Speaking	or
SPC1024	Introduction to Speech Communication	3
Humanities		3
Core Requirements Credit Hours		12
CHM 1032	Chemistry for Health Sciences	3
RET1024	Introduction to Respiratory Care	1
BSC2086	Anatomy and Physiology II	3
BSC2086L	Anatomy and Physiology II Lab	1
MCB2010	Microbiology	3
MCB2010L	Microbiology Lab	1
Programmatic Requirements Credit Hours		45
RET1026	Respiratory Care Equipment	3
RET1026L	Respiratory Care Equip. Lab	1
RET1485	Cardiopulmonary Anatomy and Physiology	3
HSC1531	Medical Terminology	3
RET1264	Mechanical Ventilation	3
RET1264L	Mechanical Ventilation Lab	1
RET1484	Cardiopulmonary Pathophysiology	3
RET1832L	Clinic I	3
CVT1200	Cardiopulmonary Pharmacology	3
RET2418	Cardiopulmonary Diagnostics	2
RET1833L	Clinic II	2

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RET2834L	Clinic III	3
RET2265	Advanced Equipment	2
RET2265L	Advanced Equipment Lab	1
RET2714	Pediatric & Neonatal Respiratory Care	3
RET2414	Pulmonary Function	1
RET2414L	Pulmonary Function Lab	1
RET2934	Selected Topics in Respiratory Care	1
RET2835L	Clinic IV	3
RET2286C	Management of the Intensive Care Patient	2
RET2601	Hospital Interactions	1

Mandatory Course Sequencing

First Year Term I

ENC1101	Composition I	3
BSC2085	Anatomy and Physiology I	3
BSC2085L	Anatomy and Physiology I Lab	1
CHM 1032	Chemistry for Health Sciences	3
MGF1106	Mathematics for Liberal Arts I	or
MAC1105	College Algebra	3
RET1024	Introduction to Respiratory Care	1
	Total Term Credit Hours	14

First Year Term II

RET1026	Respiratory Care Equipment	3
RET1026L	Respiratory Care Equipment Lab	1
RET1485	Cardiopulmonary Anatomy and Physiology	3
HSC1531	Medical Terminology	3
BSC2086	Human Anatomy and Physiology II	3
BSC2086L	Human Anatomy and Physiology II Lab	1
	Total Term Credit Hours	14

First Year Term III

RET1264	Mechanical Ventilation	3
RET1264L	Mechanical Ventilation Lab	1
RET1484	Cardiopulmonary Pathophysiology	3
RET1832L	Clinic I	3
CVT1200	Cardiopulmonary Pharmacology	3
	Total Term Credit Hours	13

Second Year Term I

RET2418	Cardiopulmonary Diagnostics	2
RET1833L	Clinic II	2
MCB2010	Microbiology	3
MCB2010L	Microbiology Lab	1
	Total Term Credit Hours	8

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Second Year Term II

RET2834L	Clinic III	3
RET2265	Advanced Equipment	2
RET2265L	Advanced Equipment Lab	1
RET2714	Pediatric & Neonatal Respiratory Care	3
RET2414	Pulmonary Function	1
RET2414L	Pulmonary Function Lab	1
RET2934	Selected Topics in Respiratory Care	1
	Total Term Credit Hours	12

Second Year Term III

RET2835L	Clinic IV	3
RET2286C	Management of the Intensive Care Patient	2
RET2601	Hospital Interactions	1
GE Course	Social/Behavioral Science	3
GE Course	Humanities	3
SPC1024	Introduction to Speech Communications	or
SPC1608	Introduction to Public Speaking	3
	Total Term Semester Hours	15

Total Program Semester Hours 76

Notes: Many courses have specific pre-requisite and co-requisite requirements that must be followed. Students are encouraged to consult the Course Information Table for a detailed list of all requisite requirements.

Students are strongly encouraged to meet with an advisor to create an educational plan.