

RESPIRATORY CARE

Associate in Science Major 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.

Refer to the Respiratory Care website for more information: www.broward.edu/respiratorycare

General Entrance Requirements

- HS Diploma or GED
- PERT
The PERT test places students into preparatory level reading, writing and math courses designed to prepare them for college-level coursework. Recent ACT or SAT score may also be used for placement. For more information, see <http://www.broward.edu/testing/>. Students who test into college prep courses must successfully complete all of the required coursework to qualify for graduation.

Criteria for Admission to the Respiratory Care-Associate in Science Degree:

- Applicants must be 18 years of age to apply to the Respiratory Care Program
- Prior to applying to the Respiratory Care Program, the prospective applicant must first apply to Broward College and be accepted to the college.
- Applicants must complete the prerequisite courses with a minimum grade point average of 2.50 prior to submitting their application.
- Applications will be ranked for placement in the program based on the following point system:
 1. GPA in program prerequisite courses; 4 points for GPA 3.0 – 4.0, 3 points for GPA 2.75 – 2.99, and 1 point for GPA 2.5 – 2.74.
 2. Upper level math and science courses: 1 point for each upper level course. *
 3. Completion of BSC1086 and BSC1086L 1 point.

*Upper level math and science courses: Courses that were not required for the respiratory program but are more advanced than the prerequisite courses or program required courses:

Chemistry
Physics
Calculus
Statistics

- Along with the prerequisite courses, there are also four “continuing education courses” that must be completed after acceptance into the program and prior to September 15th.
HSC0405 CPR /BLS (American Heart Association) 8 clock hours,
HSC 0591 HIV/AIDS 4 clock hours,
HSC 0691 Domestic Violence 2 clock hours,
HSC0522 TB/OSHA/Hepatitis 6 clock hours.
- Completion of a day of job shadowing is also required before the program starts in August– contact the Program Manager.
- While waiting for admission to the program, it is recommended that human anatomy and physiology II with the lab, microbiology/microbiology lab and medical terminology be completed ahead of time.
- Applicants must complete a Medical History and Physical Examination prior to the start of the Respiratory Care Program in August. The medical form for your physician is on line at www.broward.edu/healthsciences.
- Applicants must pass a criminal background check and a drug screening as required by the admissions department.

Respiratory care program progression policy:

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.

** Auditing an already passed respiratory care course:
The audited course must be successfully repeated (grade of “C” or higher) in order to continue in the respiratory program.

Requirements for the Associate in Science Degree in Respiratory Care:

- Completion of 76 semester hours.
- No grade lower than a “C” will be acceptable in any degree related course.

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RESPIRATORY CARE
Associate in Science Major Code 2132 (continued)

Pre-requisite Courses

*ENC 1101	Composition I	3
*BSC 1085	Anatomy and Physiology I	3
*BSC 1085L	Anatomy and Physiology I Lab	1
*CHM 1032	Chemistry for Health Sciences	3
*MAT 1033	Intermediate Algebra or	
*MTB 1310	Applied Mathematics	3
Total Term Semester Hours		13

First Year Term I

RET 1026	Respiratory Care Equipment	3
*RET 1026L	Respiratory Care Equip. Lab	1
*RET 1485	Cardiopulmonary Anatomy and Physiology	3
HSC 1531	Medical Terminology	3
*BSC 1086	Human Anatomy and Physiology II	3
*BSC 1086L	Human Anatomy and Physiology II Lab	1
Total Term Semester Hours		14

First Year Term II

*RET 1264	Mechanical Ventilation	3
*RET 1264L	Mechanical Ventilation Lab	1
*RET 1484	Cardiopulmonary Pathophysiology	3
*RET 1832L	Clinic I	3
*CVT 1200	Cardiopulmonary Pharmacology	3
Total Term Semester Hours		13

First Year Term III

*RET 2418	Cardiopulmonary Diagnostics	2
*RET 1833L	Clinic II	3
*MCB 2010	Microbiology	3
*MCB 2010L	Microbiology Lab	1
Total Term Semester Hours		9

Second Year Term I

*RET 2834L	Clinic III	3
*RET 2265	Advanced Equipment	2
*RET 2265L	Advanced Equipment Lab	1
*RET 2714	Pediatric & Neonatal Respiratory Care	3
*RET 2414	Pulmonary Function	1
*RET 2414L	Pulmonary Function Lab	1
*RET 2934	Selected Topics in Respiratory Care	1
Total Term Semester Hours.		12

Second Year Term II

*RET 2835L	Clinic IV	3
*RET 2286C	Management of the Intensive Care Patient	2
*RET 2601	Hospital Interactions	1
Elective	Social/Behavioral Science	3
Elective	Humanities/Fine Arts	3
SPC 1024	Intro to Speech Communications or	
SPC 1608	Public Speaking	3
Total Term Semester Hours		15
Total Program Semester Hours		76

*Requires a pre- or co-requisite or proper scores on placement test. See course description in this catalog or online at www.broward.edu.

It is strongly recommended that students see an academic advisor or counselor every term.