



PRE-RESPIRATORY THERAPY INFORMATION
UNIVERSITY OF NORTH TEXAS
COLLEGE OF ARTS & SCIENCES
GENERAL ACADEMIC BUILDING 220

Respiratory care became a profession in 1947 under the name inhalation therapy. Since that time, the technology and the theoretical base for the profession have grown tremendously, and respiratory therapists have become integral constituents of the health care team. Careers in respiratory care are challenging, interesting and rewarding.

The clinical practice of respiratory care involves the application of skills and knowledge in the diagnosis and treatment of cardiorespiratory diseases. Since many types of illnesses precipitate hearts and lung failure, respiratory therapists engage in the care of patients from all age groups who suffer from a broad spectrum of diseases. Respiratory therapists perform their duties in all patient care areas of hospitals, although their primary involvement is in intensive care units. They also staff laboratories which engage in diagnosis of cardiorespiratory diseases, provide respiratory care for patients at home, and are involved in the transportation of patients who require respiratory care en route.

Individuals practicing respiratory care should be mature, responsible persons with strong interpersonal skills and the desire to care for others. Interest and competence in the basic sciences are strong determinants in the academic success of a respiratory therapy student. Respiratory care involves the application of highly technological equipment to patient care situations.

Employment opportunities in respiratory care are good. Positions are available for respiratory therapists in management, education, clinical specialization, and in research.

Educational programs in respiratory care include one-year certification programs, two-year associate degree programs and baccalaureate degree programs. Baccalaureate programs are either four-year programs or the final two years of "2 + 2" programs. In the latter type of program, prerequisite courses are completed at an accredited college or university. The professional courses leading to the Bachelor of Science in Respiratory Therapy (B.S.R.T.) are then pursued at the institution that confers the degree. Graduates may then sit for the national qualifying examination in respiratory therapy. Program directory may be contacted for their current admission requirements. Addresses are given on the next several pages.

Contact: Patavia Whaley
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Four Year Baccalaureate Program

Texas Southern University
3201 Wheeler
Houston, Texas 77004
(713) 313-7011
www.tsu.edu

Texas State University
San Marcos, Texas 78666
(512) 245-8243
www.health.swt.edu

Midwestern State University
Respiratory Department
3410 Taft Blvd.
Wichita Falls, TX 76308
(940) 397-4652
<http://hs2.mwsu.edu/respiratory>

Final Two Years of "2 + 2" Baccalaureate Program

The University of Texas Medical Branch at Galveston
Department of Respiratory Care
301 University Blvd.
Galveston, TX 77555-1028
(409) 772-5693
www.utmb.edu

Allied Health Admissions
The University of Texas Health
Science Center at San Antonio
7703 Floyd Curl Drive
San Antonio, TX 78284-7702
(210) 567-2660
www.uthscsa.edu

PRE-RESPIRATORY THERAPY COURSES *

UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON

English Composition: 6 semester hours ENGL 1310 (3 hrs) ENGL 1320 (3hrs)	Biology: 14 semester hours BIOL 2401 Anatomy and Physiology I (4 hrs) BIOL 2402 Anatomy and Physiology II (4 hrs) BIOL 2041/2042 Microbiology (4 hrs) BIOL 3500 Medical Terminology (2 hrs)
English Literature: 6 semester hours Literature (3 hrs) May substitute one Speech course (3)	Physics: 4 semester hours PHYS 1410/1430 General physics I (4 hrs)
U.S. History: 6 semester hours HIST 2610 (3 hrs) HIST 2620 (3 hrs)	Chemistry: 8 semester hours CHEM 1410/1430 general chemistry I (4 hrs) CHEM 1420/1440 general chemistry II (4 hrs)
Political Science: 6 semester hours PSCI 1040 (3 hrs) PSCI 1050 (3 hrs)	Visual & Performing Arts: 3 semester hours See Core sheet for options
Math: 3 semester hours MATH 1100 College Algebra (3 hrs)	Social & Behavioral Science: 6 semester hours PSYC 1630 (3 hrs) Other social & behavioral science (3 hrs)

***Shown above is a composite list of requirements for the respiratory programs in Texas. Please be aware that program requirements may change without notice and can vary with each school. Check the individual web sites or the directors of admission of the schools for any changes or additional requirements.**

UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER SAN ANTONIO

English Composition: 6 semester hours ENGL 1310 (3 hrs) ENGL 1320 (3hrs)	Biology: 12 semester hours BIOL 2401 Anatomy and Physiology I (4 hrs) BIOL 2402 Anatomy and Physiology II (4 hrs) BIOL 2041/2042 Microbiology (4 hrs)
Humanities: 3 semester hours See core sheet for options	Physics: 4 semester hours PHYS 1410/1430 General physics I (4 hrs)
U.S. History: 6 semester hours HIST 2610 (3 hrs) HIST 2620 (3 hrs)	Chemistry: 4 semester hours CHEM 1410/1430 general chemistry I (4 hrs)
Political Science: 6 semester hours PSCI 1040 (3 hrs) PSCI 1050 (3 hrs)	Visual & Performing Arts: 3 semester hours See Core sheet for options
Math: 6 semester hours MATH 1100 College Algebra (3hrs) MATH 1680 Elem. Probability & Statistics (3 hrs)	Social & Behavioral Science: 3 semester hours PSYC 1630 (3 hrs)
Computer Literacy: 3 semester hours CSCE 1010 Intro to computer science (3hrs)	

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03/09