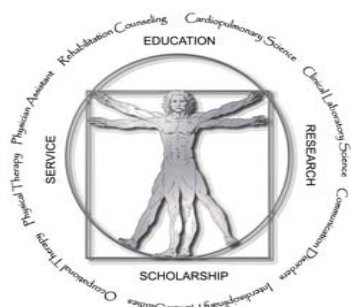




In addition to the necessary scientific background provided by classroom lectures, many hours of laboratory practice precede the students' clinical rotations, aiding the transition to working with patients.



School of Allied Health Professions

LSUHSC-NO is an equal opportunity/access university.

HOW TO APPLY:

Applicants apply online using the Allied Health Centralized Application Service at

<https://ahcas.liasoncas.com>

DEADLINE FOR APPLICATIONS:

February 1st

FINANCIAL INFORMATION:

Office of Financial Aid

504-568-4820

www.lsuhschool.edu/no/students/financialaid

THE DEPARTMENT OF CARDIOPULMONARY SCIENCE RESPIRATORY THERAPY PROGRAM

is accredited by the Commission on Accreditation for Respiratory Care

P.O. Box 54876

Hurst, TX 76054-4876

(817) 283-2835

www.coarc.com

LSU Health
NEW ORLEANS

School of Allied Health Professions

RESPIRATORY THERAPY AND POLYSOMNOGRAPHY



DEPARTMENT OF CARDIOPULMONARY SCIENCE

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New Orleans, Louisiana 70112

504-568-4227

504-599-0410 Fax

Email: cps@lsuhsc.edu

<https://alliedhealth.lsuhschool.edu/cp/defaultRT.aspx>
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CARDIOPULMONARY SCIENCE

The Department of Cardiopulmonary Science offers a bachelor's degree in Cardiopulmonary Science. The Department provides professional preparation in the allied health specialties of respiratory therapy (including polysomnography) and cardiovascular sonography. The goal of the respiratory therapy program is to prepare graduates with demonstrated competence in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains of respiratory care practice as performed by registered respiratory therapists (RRTs).

WHO IS A RESPIRATORY THERAPIST?

- Respiratory therapists provide evaluation, treatment, care, and education of patients with breathing disorders.
- Respiratory therapists treat a wide variety of patients, from the premature infant with undeveloped lungs, to the child with asthma, to the elderly patient with emphysema.
- The respiratory therapist is a vital part of the hospital's lifesaving response team.

WHO IS A POLYSOMNOGRAPHIC TECHNOLOGIST?

- Specialist who performs a vital role in the evaluation, diagnosis, and treatment of sleep/arousal disorders.



Students interact with high-fidelity patient simulators for training activities that engage students in active, competency-based, hands-on learning.

WHAT TYPES OF PROCEDURES DO RESPIRATORY THERAPISTS PERFORM?

- Operate and maintain sophisticated medical equipment and devices that require a knowledge and love of technology (Go-to experts for respiratory care)
- Manage mechanical ventilation and artificial airway devices for patients who have difficulty breathing
- Obtain and analyze sputum, breath, and blood specimens
- Administer medications in aerosol form to relieve breathing problems and treat respiratory infections
- Interview patients and perform chest physical exams
- Consult with physicians to recommend or change a therapy, based on evaluation of the patient
- Educate patients and families about lung disease
- Provide smoking cessation and disease management for patients with asthma and COPD
- Perform cardiopulmonary exercise stress testing
- Evaluate patients for the presence of sleep disorders



WHAT DO I NEED TO DO TO APPLY TO THE CARDIOPULMONARY SCIENCE RESPIRATORY THERAPY/POLYSOMNOGRAPHY PROGRAM?

- Complete not less than 60 hours, or its equivalent, of acceptable credit prior to registration.
- Complete all prerequisites with a grade of C or better, with a minimum GPA of 2.5 in the prerequisite courses.

PREREQUISITE COURSES

English Composition	6 hours
Humanities*	9 hours
Chemistry (General and Laboratory)	8 hours
Mathematics (Algebra and Trigonometry)	6 hours
Biology (General and Laboratory)	8 hours
Human Physiology**	3 hours
Science Elective***	3 hours
Psychology (General)	3 hours
Physics (General and Laboratory)	4 hours
Microbiology (General and Laboratory)	4 hours
Art Elective****	3 hours
Sociology	3 hours
Total	60 hours

*Humanities recommended: English, Technical Writing, Advanced Composition, or Foreign Language

**If Human Physiology is not offered by the institution, Human Anatomy & Physiology may be substituted

***Science electives recommended: Human Anatomy, Organic Chemistry, or Embryology

****Art Electives recommended: Music, Art, Dance, or Theater

