

# RESPIRATORY THERAPY (REST)

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## **REST 3101. Profess Commun in Health Care. (3 Credits)**

Prerequisite: Admission into the BS Respiratory Therapy Program  
Credit Hours: (3-0-3) This course is designed for Bachelor of Science students in Respiratory Therapy to develop advanced communication skills essential for professional practice in healthcare settings. Emphasis is placed on both written and interpersonal communication, enabling students to effectively convey complex information, collaborate with healthcare teams, and engage with patients and their families.

## **REST 3120. Patient Advocacy/Ethical Consi. (3 Credits)**

Prerequisite: Admission into the BS Respiratory Therapy Program  
Credit Hours: (3-0-3) This course is designed for Bachelor of Science students in Respiratory Therapy to explore the principles and practices of patient advocacy and ethical decision-making in healthcare. Students will learn to navigate complex ethical dilemmas, advocate effectively for patients' rights and needs, and uphold professional standards of conduct.

## **REST 3300. Teaching Techniques for Health. (3 Credits)**

Prerequisite: Admission into the BS Respiratory Therapy Program  
Credit Hours: (3-0-3) This course is designed for Bachelor of Science students in Respiratory Therapy to develop advanced teaching and communication skills essential for educating patients, peers, and other healthcare professionals. The course focuses on creating effective teaching plans, demonstrating professionalism, collaborating with healthcare teams, and fostering lifelong learning through self-reflection.

## **REST 3500. Disease Management. (3 Credits)**

Prerequisite: Admission into the BS Respiratory Therapy Program  
Credit Hours: (3-0-3) This course is designed for Bachelor of Science students in Respiratory Therapy to provide healthcare professionals, particularly respiratory therapists, with the knowledge and skills necessary to manage and treat patients with chronic and acute respiratory disease. The course typically covers a range of conditions that affect the respiratory systems such as COPD, asthma, pneumonia, pulmonary fibrosis, and other breathing disorders.

## **REST 3510. Sleep Medicine. (3 Credits)**

Prerequisite: Admission into the BS Respiratory Therapy Program  
Credit Hours: (3-0-3) This course is designed for Bachelor of Science students in Respiratory Therapy to provide healthcare professionals, particularly respiratory therapists, with a comprehensive understanding of sleep physiology, sleep-disordered breathing, and the role in managing sleep disorders.

## **REST 4100. Respiratory Community Health. (3 Credits)**

Prerequisite: Admission into the BS Respiratory Therapy Program  
Credit Hours: (3-0-3) This course is designed for Bachelor of Science students in Respiratory Therapy to provide healthcare professionals, particularly respiratory therapists, tools aimed at improving public health through prevention, management and treatment of respiratory conditions. These topics are relevant for both individuals and healthcare professionals working in community health settings.

## **REST 4150. Mentoring and Preceptorship. (3 Credits)**

Prerequisite: Admission into the BS Respiratory Therapy Program  
Credit Hours: (3-0-3) This course explores the principles, practices, and responsibilities of mentoring and preceptorship within the field of respiratory care. Designed for advanced students and practicing respiratory therapists, this course prepares participants to support the clinical education, professional development, and transition to practice of novice practitioners and students. Emphasis is placed on leadership, communication, teaching strategies, and ethical considerations in the mentor-preceptor role.

## **REST 4200. Health Care Research. (3 Credits)**

Prerequisite: Admission into the BS Respiratory Therapy Program  
Credit Hours: (3-0-3) This course is designed for Bachelor of Science students in Respiratory Therapy to provide healthcare professionals, particularly respiratory therapists, to be equipped with the knowledge and skills necessary to conduct research that addresses current issues in respiratory health. It delves into evidence-based practices, research methodologies, and critical thinking to improve patient care and public health policies.

## **REST 4201. Leadership and Management. (3 Credits)**

Prerequisite: Admission into the BS Respiratory Therapy Program  
Credit Hours: (3-0-3) This course is designed for Bachelor of Science students in Respiratory Therapy to provide an in-depth exploration of leadership and management principles as they apply to the field of respiratory care. It is designed to equip current and aspiring respiratory professionals with the skills necessary to lead teams, manage resources, ensure quality care, and navigate the complex administrative and regulatory environments of modern healthcare systems.

## **REST 4210. Senior Theory:Advanced Concept. (3 Credits)**

Prerequisite: Admission into the BS Respiratory Therapy Program  
Credit Hours: (3-0-3) This course is designed for Bachelor of Science students in Respiratory Therapy to focus on advanced respiratory care concepts, decision-making processes, and specialized procedures encountered in respiratory care. It is designed to prepare senior-level students for critical care, emergency, neonatal/pediatric, and non-traditional respiratory care settings.