

# RESPIRATORY THERAPY

## VIEW STUDENT CURRICULUM GUIDE

Transfer Pre-Professional

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Students may complete the pre-professional requirements for the Bachelor of Science degree in respiratory therapy by following the suggested two-year curriculum below. BSC courses may then be transferred to the University of Mary, which co-sponsors the respiratory therapy program with St. Alexius Medical Center. In their second year, students apply for admission to the University of Mary, and apply separately for admission to the ND School of Respiratory Therapy at St. Alexius Medical Center. Following two years of professional course work and training at St. Alexius Medical Center, students earn the B.S. degree in Respiratory Therapy from the University of Mary.

Respiratory therapists (RT's) help people of all ages who have heart and lung problems. Their patients range from newborns to the elderly, and from people who can care for themselves to critically ill people on mechanical life support. RT's work in hospitals, outpatient clinics, nursing homes, rehabilitation centers, and patient homes.

Respiratory therapists are a vital part of the health care team, continually interacting and communicating with other medical professionals. In critical care and emergency areas, Respiratory therapists insert artificial airways, perform CPR, draw and analyze blood, manage mechanical ventilation, and monitor heart and lung function. They help plan for the patient's discharge to make sure any ongoing respiratory needs will be met outside of the hospital. Respiratory therapists teach patients with asthma and other chronic respiratory problems how to manage their disease and treat themselves effectively. They promote prevention by educating young people in public schools about tobacco's harmful effects.

Respiratory therapists are in very high demand throughout the nation. The U.S. Department of Labor predicts a 40% increase in employment opportunities through the year 2008. Salaries are highly competitive. Sign-on bonuses and paid moving expenses are common nationwide.

### CURRICULUM FOR ASSOCIATE IN SCIENCE:

#### FRESHMAN

#### CREDITS

College Composition I-II (ENGL 110-120) .....	6
General Biology (BIOL 150) .....	3
General Biology Lab (BIOL 150L) .....	1
Introductory Microbiology (MICR 202) .....	3
Introductory Microbiology Lab (MICR 202L) .....	1
Social Science Electives .....	6
Chemistry (CHEM 115-116) .....	8
Chemistry Lab (CHEM 115L-116L) .....	2
Algebra (MATH 103) .....	4
Enrichment .....	2
Total credits .....	36

#### SOPHOMORE

#### CREDITS

Anatomy and Physiology I&II (BIOL 220-221) .....	6
Anatomy and Physiology I&II Lab (220L-221L) .....	2
College Physics I (PHYS 211) .....	3
College Physics I Lab (PHYS 211L) .....	1
Fundamentals of Public Speaking (COMM 110) .....	3
Introduction to Computers (CSCI 101) .....	3
Ethics (PHIL 210) .....	3
*Intro to Pharmacology (PHRM 215) .....	3
Arts and Humanities Electives .....	3
Ethics (PHIL 210) .....	3
Electives .....	3
Total credits .....	33

\*Available through the University of Mary