

## PROGRAM GOALS AND STANDARDS

The **GOALS** of the traditional undergraduate and graduate major in Respiratory Therapy are:

1. 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) and as professional members of the health care team as defined by the “Essential Functions and Professional Expectations”:
  - a. Demonstrate knowledge of the physiological bases for all therapeutic interventions and diagnostic procedures in all areas of respiratory therapy practice
  - b. Demonstrate proficiency in implementing all respiratory therapy treatment and diagnostic procedures
  - c. Demonstrate proficiency in interpreting physical exam findings, cardiopulmonary monitoring data, laboratory data, and diagnostic imaging information
  - d. Demonstrate problem solving and critical thinking skills as consultants to physicians and other healthcare personnel in developing cardiopulmonary care strategies
  - e. Demonstrate proficiency in establishing an evidence base for best practice through research and the critique and interpretation of the professional scientific literature
  - f. Demonstrate knowledge of the ethical obligations and responsibilities of healthcare professionals and institutions
  - g. Demonstrate knowledge of the legal, social and economic environments in which the healthcare institutions function
  - h. Demonstrate effective cross-cultural and interdisciplinary human interaction skills in the healthcare setting and the broader community
  - i. Demonstrate knowledge of current issues and trends in healthcare, including public policy, access and reimbursement issues
  - j. Demonstrate proficiency in oral and written communication
  - k. Educate patients and the general public in matters of cardiopulmonary health and chronic disease management
  - l. Demonstrate leadership abilities in healthcare through the development of honest, competent and forward-looking practice techniques.
2. To prepare leaders for the field of respiratory care by including curricular content that includes objectives related to acquisition of skills in the areas of management, education, research, and advanced clinical practice such as:
  - a. Becoming a valued member of the health care team by sharing expertise in the field of respiratory therapy through the use of and promotion of evidence-based practices, research, and the utilization of clinical practice guidelines.
  - b. Exploring areas of advanced clinical practice by creating and completing a specialty rotation tailored to individual student interests in areas of advanced practice to prepare for future leadership opportunities in research, management and education within the respiratory therapy profession.

The **GOALS** of the online RRT-BSRT degree advancement program in Respiratory Therapy are:

1. To provide graduates of entry into respiratory care professional practice degree programs with additional knowledge, skills, and attributes in leadership, management, education, research, and/or advanced clinical practice that will enable them to meet their current professional goals and prepare them for practice as advanced degree respiratory therapists.
2. To prepare leaders for the field of respiratory care by including curricular content that includes objectives related to acquisition of skills in the areas of management, education, research, and advanced clinical practice such as:
  - a. Becoming a valued member of the health care team by sharing expertise in the field of respiratory therapy through the use of and promotion of evidence-based practices, research, and the utilization of clinical practice guidelines.
  - b. Exploring areas of advanced clinical practice by creating and completing a specialty rotation tailored to individual student interests in areas of advanced practice to prepare for future leadership opportunities in research, management and education within the respiratory therapy profession.

## BACHELOR OF SCIENCE ENTRY LEVEL PROGRAM

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### **Upon graduation, students will be able to:**

- Demonstrate knowledge of the physiological bases for all therapeutic interventions and diagnostic procedures in all areas of respiratory therapy practice
- Demonstrate proficiency in implementing all respiratory therapy treatment and diagnostic procedures
- Demonstrate proficiency in interpreting physical exam findings, cardiopulmonary monitoring data, laboratory data, and diagnostic imaging information
- Demonstrate problem solving and critical thinking skills as consultants to physicians and other healthcare personnel in developing cardiopulmonary care strategies
- Demonstrate proficiency in establishing an evidence base for best practice through research and the critique and interpretation of the professional scientific literature
- Demonstrate knowledge of the ethical obligations and responsibilities of healthcare professionals and institutions
- Demonstrate knowledge of the legal, social and economic environments in which the healthcare institutions function
- Demonstrate effective cross-cultural and interdisciplinary human interaction skills in the healthcare setting and the broader community
- Demonstrate knowledge of current issues and trends in healthcare, including public policy, access and reimbursement issues
- Demonstrate proficiency in oral and written communication
- Educate patients and the general public in matters of cardiopulmonary health and chronic disease management
- Demonstrate leadership abilities in healthcare through the development of honest, competent and forward-looking practice techniques.

## MASTER OF SCIENCE ENTRY LEVEL PROGRAM

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### **Upon graduation, students will be able to:**

- Demonstrate knowledge of the physiological bases for all therapeutic interventions and diagnostic procedures in all areas of respiratory therapy practice
- Demonstrate proficiency in implementing all respiratory therapy treatment and diagnostic procedures
- Demonstrate proficiency in interpreting physical exam findings, cardiopulmonary monitoring data, laboratory data, and diagnostic imaging information
- Demonstrate problem solving and critical thinking skills as consultants to physicians and other healthcare personnel in developing cardiopulmonary care strategies
- Demonstrate proficiency in establishing an evidence base for best practice through research and the critique and interpretation of the professional scientific literature
- Demonstrate knowledge of the ethical obligations and responsibilities of healthcare professionals and institutions
- Demonstrate knowledge of the legal, social and economic environments in which healthcare institutions function
- Demonstrate effective cross-cultural human interaction skills in the healthcare setting and the broader community
- Demonstrate knowledge of current issues and trends in healthcare, including public policy, healthcare access and reimbursement issues
- Demonstrate proficiency in oral and written communication, including the preparation of a manuscript suitable for submission to a peer-reviewed scientific journal
- Educate patients and the general public in matters of cardiopulmonary health and chronic disease management
- Develop a healthcare related research proposal that meets requirements for institutional review board approval
- Demonstrate advanced knowledge in one of three specialization areas in respiratory therapy: (1) professional education; (2) hospital department administrative leadership; or (3) a clinical specialty practice area

## RRT TO BSRT DEGREE ADVANCEMENT PROGRAM

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### **Upon graduation, students will be able to:**

- Demonstrate proficiency in interpreting physical exam findings, cardiopulmonary monitoring data, laboratory data, and diagnostic imaging information
- Demonstrate problem solving and critical thinking skills as consultants to physicians and other healthcare personnel in developing cardiopulmonary care strategies
- Demonstrate proficiency in establishing an evidence base for best practice through research and the critique and interpretation of the professional scientific literature
- Demonstrate knowledge of the ethical obligations and responsibilities of healthcare professionals and institutions
- Demonstrate knowledge of the legal, social and economic environments in which the healthcare institutions function
- Demonstrate effective cross-cultural and interdisciplinary human interaction skills in the healthcare setting and the broader community
- Demonstrate knowledge of current issues and trends in healthcare, including public policy, access and reimbursement issues
- Demonstrate proficiency in oral and written Communication
- Educate patients and the general public in matters of cardiopulmonary health and chronic disease management
- Demonstrate leadership abilities as a member of the healthcare team