Program of Study:
Bachelor of Science in Respiratory Care

Program Description

The Bachelor of Science in Respiratory Care offers an opportunity for Respiratory Therapists to advance their education by acquiring a Bachelors degree and skills that are relevant to their current vocation. This program offers the therapist an opportunity for advancement in employment and enables the motivated professional to serve the community at a higher level of healthcare..

Admission Requirements

In addition to the general Standards for Undergraduate Admission, all Respiratory Care program applicants must meet the full set of admission requirements from one of the following categories:

1) Degree-bearing Candidates
   a) Possess an Associate degree in an allied health field from an accredited, GCU-approved college, university, or program and be (or have previously been) licensed, certified, or registered in an allied health field.
   b) Submit official transcripts bearing evidence of a cumulative GPA of 2.50. No transferable credits may have a grade below a "C" (2.00).
   c) Provide proof of NBRC credentials as a Registered Respiratory Therapist (RRT).
2) Non-degree-bearing Candidates
   a) Provide proof of NBRC credentials as a Registered Respiratory Therapist (RRT).
   b) Submit official transcripts bearing evidence of a cumulative GPA of 2.50. No transferable credits may have a grade below a "C" (2.00).
   c) Be prepared to transfer or complete the following general education competencies that are not integrated into the program core with a minimum grade of "C" (2.00)
      i) 6 credits English Composition
      ii) 2 credits Scientific Inquiry
      iii) 4 credits Humanities

Respiratory Care Core:

Course Number	Course Title	Course Description	Credits

Ground Program Code: RESPIR.BS Online Program Code: RESPIRL.BS

HLT 306	Advanced Patient Care	This course offers an advanced approach to patient care, patient education, and patient management within the healthcare facility and the outpatient clinic. It considers more than the patients' physical needs and addresses the patient as a part of the treatment or diagnostic plan. Upon completion of the course the student should be able to demonstrate communication skills with different patient populations such as various cultures, religions, ages, and levels of ability to participate and discuss the approaches the health care professional should use to best interact with each of these groups. Prerequisite: Enrollment in BS in Health Sciences, BS in Medical Imaging Sciences, or BS in Respiratory Care.	3
HLT 308	Risk Management and Healthcare Regulations	This course addresses the concerns of every health care professional regarding legal responsibility, workplace safety, and the health care facility's obligation to provide protection from injury for patients, their families, and staff. The institution must also be protected from accidental injury costs. This is the purpose of a Risk Management department. Federal, State, County, and City statutes that regulate the administration of safe health care are discussed. At the end of this course the student should be able to explain his part as a health care professional in the ethical and legal responsibilities of Risk Management. Prerequisite: Enrollment in BS in Health Sciences, BS in Medical Imaging Sciences, or BS in Respiratory Care.	3
BIO 316◆	Pharmacology for Health Care Professionals	The content of this course is designed to broaden the health care professional's knowledge of pharmacology. Topics include types and effects of drugs, including diagnostic imaging contrast media. Pharmacology, pharmacokinetics, and pharmacodynamics of drugs commonly used in ancillary health care are presented. Conscious sedation, adverse reactions, and patient care under sedation are also included. Prerequisite: Enrollment in BS in Health Sciences, BS in Medical Imaging Sciences, or BS in Respiratory Care.	3
HLT 362◆	Applied Statistics for Health Care Professionals	This introductory course on statistical concepts emphasizes applications to health care professions. The course is designed to prepare students to interpret and evaluate statistics and statistical methods used in published research papers and to make decisions about the appropriateness of specific statistical methods in a variety of settings. Areas of emphasis will include introduction to analysis of variance, regression, and graphical presentation; experimental design; descriptive statistics; sampling methods; z, t, and chi-square. Prerequisite: Enrollment in BS in Health Sciences, BS in Medical Imaging Sciences, or BS in Respiratory Care.	3
HLT 324◆	Transcultural Health Care	This course explores meanings and expressions of health, illness, caring, and healing transculturally. Focus is on understanding and developing professional competence in caring for individuals, families, groups, and communities with diverse cultural backgrounds. Culture is examined as a pervasive, determining "blueprint" for thought and action throughout the human health experience. Patterns of human interaction that foster health and quality of life are analyzed, and health destroying patterns of interaction, e.g., stereotyping, discrimination, and marginalization, are examined and submitted to moral and ethical reflection. Prerequisite: Enrollment in BS in Health Sciences, BS in Medical Imaging Sciences, or BS in Respiratory Care.	3

HLT 310B✞	Spirituality in Health Care	This course explores the concept of spirituality as it relates to the person who is involved in the health-care system. Since illness and stress can amplify spiritual concerns and needs, health-care professionals are in a unique position to assist the patient/client in meeting those needs. This course explores the relationship between health-care professionals and those they serve. Topics include evaluating the caregiver's role in giving care, the caregiver's need to care for self, dealing with grief, the role of prayer in health care, and understanding pain and suffering.	3
HLT 418◆	Trends and Issues in Health Care	Trends and Issues explores the impact of numerous professional and societal forces on health care policy and practice. Content includes an analysis of current studies; nursing care policy and position statements; political, environmental, and cultural issues; changing nursing roles. The study of these issues examines the impact on healthcare delivery systems in our society.	3
HLT 314	Health Care Systems	The content of this course is designed to impart an understanding of the forces shaping the present and future health care delivery system. Prerequisite: Enrollment in BS in Health Sciences, BS in Medical Imaging Sciences, or BS in Respiratory Care	3
HLT 312✞	Ethics for Health Care Professionals	This course, designed for health care professionals (providers, educators, and managers), introduces the student to major ethical theory, principles, and models for the recognition, analysis and resolution of ethical dilemmas in health care practice. Students learn how to approach ethical dilemmas using theoretical frameworks and decision-making processes. Through the use of case studies, students are introduced to health topics such as patients' rights (paternalism, informed consent to therapy, participation in research); dilemmas of life and death (euthanasia, abortion, transplants, gene therapy, care for the dying); allocation of health-care resources; and special dilemmas of health-care professionals. This course also includes a review of classic cases in health care ethics and how they have shaped health policy. An overview of patient education and ethics and a discussion on the professional codes of ethics and standards are a part of this course.	3
HLT 340	Quality Improvement in Respiratory Health Care	Introduction and evaluation of current approaches to assessing risk and improving health care quality through the practice of continuous quality improvement. Focuses on conceptual understanding and experiential learning.	3
HLT 410	Respiratory Care of the Critically Ill	This course focus is on the advanced medical and respiratory care of the critically ill adult patient. Emphasis is placed on cardiopulmonary assessment and treatment of trauma, post-surgical, cardiac and renal patients. Students enrolled in this course will concurrently receive instruction in advance cardiac life-support. Prerequisite: Enrollment in BS in Respiratory Care	3
HLT 335◆	Polysomnography/ Sleep Disorders	This course provides an overview of the history of sleep medicine, normal sleep physiology, effects of the sleep-wake stage, sleep disorders and abnormal sleep physiology, an introduction to polysomnography (including patient interation, sensor and lead placements, and instrumentation), application of respiratory care treatment modalities, patient testing and sleep staging, arrhythmia recognition and other physiologic events, and data acquisition. Prerequisite: Enrollment in BS in Respiratory Care.	3

BIO 317B◆	Science Communication and Research	Science Communication and Research studies how to gather, analyze, and communicate scientific information. Students will be able to effectively communicate clearly organized scientific thoughts across a wide array of platforms. Topics covered include recognizing the various forms of written communication, utilizing research papers to conduct individual research, organizing and writing journal papers, producing and giving scientific oral presentations, producing poster presentations at scientific meetings, understanding the funding process for professional scientific research, and writing proposals for federal funding agencies. A writing-intensive course. Prerequisite: HLT 312.	3
AMP 450B	Leadership and Vocation	This course emphasizes major behavior patterns that effective leaders use to influence followers, including Ken Blanchard's leadership model. Topics include what effective leaders really do and how leaders can diagnose and modify situations to make their leadership a more positive and productive endeavor.	3
HLT 490	Professional Capstone Project	Content is designed to aid in the development of inquiry and research skills. Learning research skills and conducting research projects benefits the individual and the profession. The individual benefits by learning new knowledge and skills: the profession benefits by adding to the professional body of knowledge. Prerequisite: Enrollment in BS in Health Sciences, BS in Medical Imaging Sciences, or BS in Respiratory Care	3

Total Respiratory Core Credits: 45
Other Transfer, Equivalent, or Elective Credits: 75
Total Bachelor of Science in Respiratory Care Credits: 120

◆ Course satisfies a Grand Experience Requirement. Check the Academic Catalog for details.
✞ Course satisfies a Christian Studies Requirement. Check the Academic Catalog for details.