

B.S. IN HEALTH SCIENCE - RESPIRATORY CARE CONCENTRATION

College of Health Sciences

Curriculum

Code	Title	Credits
GENERAL EDUCATION REQUIREMENTS (http://catalog.wcupa.edu/undergraduate/general-education-requirements/)		
Academic Foundations		
	First Year Experience requirement	4
	English Composition requirement	6-7
	Mathematics requirement	3-4
	Interdisciplinary requirement	3
	Diverse Communities requirement	3
	Ethics requirement	3
Distributed Disciplinary Foundations		
	Science requirement	6-8
	Behavioral & Social Science requirement	6
	Humanities requirement	6
	Arts requirement	3
ADDITIONAL BACCALAUREATE REQUIREMENTS (http://catalog.wcupa.edu/undergraduate/general-education-requirements/)		
University Requirements		
	Writing Emphasis requirement	9
	Speaking Emphasis requirement	9
Degree Requirements		
	Capstone requirement	1-15
MAJOR REQUIREMENTS		
Related/Cognate Requirements ¹		
BIO 100	Basic Biological Science ²	3
BIO 204	Introductory Microbiology	4
BIO 259	Human Anatomy and Physiology I	4
BIO 269	Human Anatomy and Physiology II	4
CHE 100	Concepts of Chemistry ²	3
MAT 113	Algebra and Functions ²	3
PSY 100	Introduction to Psychology ²	3
PHI 180	Introduction to Ethics ²	3
Major Courses ¹		
HEA 210	Introduction to Allied Health	3
HEA 370	Medical Terminology	1
HEA 371	Aspects of Respiratory Therapy I	2
HEA 372	Respiratory Anatomy and Physiology	3
HEA 373	Bronchopulmonary Hygiene	3
HEA 374	Oxygen Therapy	2
HEA 375	Cardiopulmonary Disease	3
HEA 376	Aspects of Respiratory Therapy II	2
HEA 377	Pharmacology	2
HEA 378	Respiratory Technology	3
HEA 360	Pre-Clinical Lab for Respiratory Care	3
HEA 380	Clinical Practice I	6
HEA 435	Health Workshop	1-6
HEA 472	Mechanical Ventilation	3
HEA 473	Life Support Systems	3

HEA 474	Pulmonary Function Evaluation	2
HEA 475	Pediatric/Neonatal Respiratory Care	2
HEA 476	Respiratory Care Clinical II	2
HEA 400	Cardiopulmonary Concepts	3
HEA 479	Respiratory Care Clinical Practice III	8
Capstone Requirement ¹		
HEA 478	Respiratory Therapy Seminar I ³	3
Total Minimum Credits Required		120

¹ All courses must be completed with a C or better.

² These required courses also satisfy general education requirements.

³ This course fulfills the Capstone requirement.

Sample Course Plan

To track their individual degree progress, students are advised to access their Degree Progress Report (DPR) via myWCU regularly. For more information, visit wcupa.edu/DegreeProgressReport (<http://wcupa.edu/degreeprogressreport/>).

The following is a sample suggested course sequence for this program; course offerings and availability are not guaranteed. Students should consult their academic advisor with any questions.

Course	Title	Credits
Year One		
Semester One		
BIO 100	Basic Biological Science	3
MAT 113	Algebra and Functions	3
WRT 120	Effective Writing I	3
SPK 208	Public Speaking	3
or	or Business and Professional Speech	
SPK 230	Communication	
FYE 100X	First Year Experience	4
Credits		16
Semester Two		
BIO 259	Human Anatomy and Physiology I	4
WRT 2XX	200-Level WRT Course	3
Humanities Gen Ed		3
Diverse Communities Gen Ed		3
Interdisciplinary Gen Ed		3
Credits		16
Year Two		
Semester Three		
CHE 100	Concepts of Chemistry	3
PSY 100	Introduction to Psychology	3
BIO 269	Human Anatomy and Physiology II	4
Humanities Gen Ed		3
Credits		13
Semester Four		
BIO 204	Introductory Microbiology	4
HEA 210	Introduction to Allied Health	3
Arts Gen Ed		3
Behavioral & Social Science Gen Ed		3
Speaking Emphasis Gen Ed		3
or Writing Emphasis Gen Ed		
or Free Elective		
Credits		16

Year Three		
Semester Five		
HEA 370	Medical Terminology	1
HEA 371	Aspects of Respiratory Therapy I	2
HEA 372	Respiratory Anatomy and Physiology	3
HEA 373	Bronchopulmonary Hygiene	3
HEA 374	Oxygen Therapy	2
Free Elective		2
Credits		13
Semester Six		
HEA 375	Cardiopulmonary Disease	3
HEA 376	Aspects of Respiratory Therapy II	2
HEA 377	Pharmacology	2
HEA 378	Respiratory Technology	3
HEA 379	Hemodynamics I	3
Credits		13
Summer		
(Nine weeks)		
HEA 380	Clinical Practice I	6
Credits		6
Year Four		
Semester Seven		
HEA 472	Mechanical Ventilation	3
HEA 473	Life Support Systems	3
HEA 474	Pulmonary Function Evaluation	2
HEA 475	Pediatric/Neonatal Respiratory Care	2
HEA 476	Respiratory Care Clinical II	2
HEA 477	Hemodynamics II	3
Credits		15
Semester Eight		
HEA 435	Health Workshop	1
HEA 478	Respiratory Therapy Seminar I	3
HEA 479	Respiratory Care Clinical Practice III	8
Credits		12
Total Credits		120

- All core curriculum courses require a grade of "C" or better.
- An overall GPA of 2.7 is required prior to the continuation to .
- through must be taken in sequence and combinations as listed above.