

# Respiratory Care 2014

## Respiratory Care Major - B.S.

Degree Type: B.S.

Required Degree Credits to Graduate: 129

### General Education Requirements

#### First Year Experience (F):

UNIV 189	Skills For Academic Success (Students transferring in 24 or more credits do not need to take UNIV 189.)	1
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#### Communication (C):

ENGL 110	College Composition I	3
ENGL 120	College Composition II	3
One Course in Upper Level Writing. Select one of the following:		3
ENGL 320	Business and Professional Writing	
ENGL 321	Writing in the Technical Professions	
ENGL 322	Creative Writing I	
ENGL 323	Creative Writing II	
ENGL 324	Writing in the Sciences	
ENGL 325	Writing in the Health Professions	
ENGL 358	Writing in the Humanities and Social Sciences	
ENGL 459	Researching and Writing Grants and Proposal	
COMM 110	Fundamentals of Public Speaking	3

#### Quantitative Reasoning (R):

STAT 330	Introductory Statistics	3
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#### Science & Technology (S):

BIOL 220 & 220L	Human Anatomy and Physiology I and Human Anatomy and Physiology I Laboratory	4
CSCI 114 or CSCI 116	Microcomputer Packages Business Use of Computers	3-4
PHYS 120	Fundamentals of Physics	3

#### Humanities & Fine Arts (A): Select from current general education list

6

#### Social & Behavioral Sciences (B):

PSYC 111	Introduction to Psychology	3
Select from current general education list		3

#### Wellness (W): Select from current general education list

2

#### Cultural Diversity (D): Select from current general education list

#### Global Perspectives (G): Select from current general education list

Total Credits		40-41
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### Major Requirements

General Education Requirements	40
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#### Respiratory Care Major Requirements

RC 111	Introduction to Respiratory Care	1
RC 496	Field Experience	51
RC 494	Individual Study	4

Advanced clinicals including the capstone experience.

#### Related Courses Required:

BIOL 221 & 221L	Human Anatomy and Physiology II and Human Anatomy and Physiology II Laboratory	4
CHEM 121 & 121L	General Chemistry I and General Chemistry I Laboratory	4
CHEM 122 & 122L	General Chemistry II and General Chemistry II Laboratory	4
CHEM 240	Survey of Organic Chemistry	3
CHEM 260 or BIOC 460	Elements of Biochemistry Foundations of Biochemistry and Molecular Biology I	3-4
HNES 210	First Aid and CPR	2
MATH 103 or MATH 105	College Algebra (or higher level) Trigonometry	3

**Select one MICR course of the following 2:**

3-5

MICR 202 & 202L	Introductory Microbiology and Introductory Microbiology Lab	
MICR 350 & 350L	General Microbiology and General Microbiology Lab	
PHRM 125	Medical Terminology for Health Professionals	1

**Special Major Electives (department approved)**

Sociology: Select one of the following:

3

SOC 426	Sociology of Medicine	
SOC 440	Sociology of Aging	
SOC 441	Death and Dying	

Communication: Select one of the following:

3

COMM 308	Business and Professional Speaking	
COMM 315	Small Group Communication	
COMM 380	Health Communication I	
COMM 381	Patient-Provider Communication	
COMM 383	Organizational Communication I	

Total Credits

129-132

**Degree Requirements and Notes**

- All required courses must be completed with a grade of 'C' or above. All students must maintain a semester GPA of 2.0 or above for each semester in the College. A student who fails to meet this standard for two successive or three non-successive semesters may be terminated from enrollment in the College of PNAS.
- Completion of the prerequisites does not guarantee a student internship. Selection of interns is competitive. Please consult your Respiratory Care advisor for more information.
- Core course have a maximum of two attempts allowed. These include:

BIOL 220 & 220L	Human Anatomy and Physiology I and Human Anatomy and Physiology I Laboratory	4
PHYS 120	Fundamentals of Physics	3
BIOL 221 & 221L	Human Anatomy and Physiology II and Human Anatomy and Physiology II Laboratory	4
CHEM 121 & 121L	General Chemistry I and General Chemistry I Laboratory	4
CHEM 122 & 122L	General Chemistry II and General Chemistry II Laboratory	4
CHEM 240	Survey of Organic Chemistry	3
CHEM 260	Elements of Biochemistry	4
or BIOC 460	Foundations of Biochemistry and Molecular Biology I	
MATH 103	College Algebra	3
MICR 202 & 202L	Introductory Microbiology and Introductory Microbiology Lab	3
MICR 350 & 350L	General Microbiology and General Microbiology Lab	5
PHRM 125	Medical Terminology for Health Professionals	1