# **Respiratory Care**

#### Department Information

· Department Web Site:

www.ndsu.edu/alliedsciences/ (http://www.ndsu.edu/alliedsciences/)

· Credential Offered:

B.S

· Sample Program Guide:

catalog.ndsu.edu/programs-study/undergraduate/respiratory-care/#planofstudytext (http://catalog.ndsu.edu/programs-study/undergraduate/respiratory-care/#planofstudytext)

### **Major Requirements**

# **Major: Respiratory Care**

Degree Type: B.S.

Minimum Degree Credits to Graduate: 126

#### **University Degree Requirements**

- 1. Satisfactory completion of all requirements of the curriculum in which one is enrolled.
- 2. Earn a minimum total of 120 credits in approved coursework. Some academic programs exceed this minimum.
- 3. Satisfactory completion of the general education requirements as specified by the university.
- 4. A minimum institutional GPA of 2.00 based on work taken at NDSU.
- 5. At least 30 credits must be NDSU resident credits. Resident credits include credits registered and paid for at NDSU.
- 6. At least 36 credits presented for graduation must be in courses numbered 300 or higher.
- 7. Students presenting transfer credit must meet the NDSU residence credits and the minimum upper level credit. Of the 30 credits earned in residence, a minimum of 15 semester credits must be in courses numbered 300 or above, and 15 semester credits must be in the student's curricula for their declared major.

For complete information, please refer to the Degree and Graduation Requirements (http://catalog.ndsu.edu/past-bulletin-archive/2024-25/academic-policies/undergraduate-policies/degree-and-graduation/) section of this Bulletin.

#### **University General Education Requirements**

A list of university approved general education courses and administrative policies are available here (http://catalog.ndsu.edu/past-bulletin-archive/2024-25/academic-policies/undergraduate-policies/general-education/#genedcoursestext).

Code	Title	Credits
Category C: Communication		12
ENGL 110	College Composition I	
ENGL 120	College Composition II	
COMM 110	Fundamentals of Public Speaking	
Upper Division Writing <sup>†</sup>		
Category R: Quantitative Reasoning †		3
Category S: Science and Technology <sup>†</sup>		10
Category A: Humanities and Fine Arts <sup>†</sup>		6
Category B: Social and Behavioral Sciences <sup>†</sup>		6
Category W: Wellness <sup>†</sup>		2
Category D: Cultural Diversity *†		
Category G: Global Perspectives *†		
Total Credits		39

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Courses for category D & G are satisfied by completing D & G designated courses in another general education category.

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General education courses may be used to satisfy requirements for both general education and the major, minor, and program emphases, where applicable. Students should carefully review major requirements to determine if specific courses can also satisfy these general education categories.

## **Major Requirements**

Code  Respiratory Care Major Requirement	Title	Credits
Respiratory Care Major Requirement CHP 190	15	2
RC 200	Introduction to Poppiratory Core	3
	Introduction to Respiratory Care	
RC 496	Field Experience	51
RC 494	Individual Study	4
Advanced clinicals including the cap		2 - 4
BIOC 260	Elements of Biochemistry	3 or 4
or BIOC 460	Foundations of Biochemistry and Molecular Biology I	
BIOL 220 & 220L	Human Anatomy and Physiology I and Human Anatomy and Physiology I Laboratory *	4
BIOL 221	Human Anatomy and Physiology II	4
& 221L	and Human Anatomy and Physiology II Laboratory *	4
CHP 125	*	1
PHRM 170	Common Diseases, Prevention, and Treatment	2
CSCI 114	Computer Applications	3
or TL 116	Business Software Applications	3
MATH 103	College Algebra *	3
PHYS 120	Fundamentals of Physics *	3
PSYC 111	Introduction to Psychology	3
STAT 330		3
	Introductory Statistics quence depending on future educational goals from the following:	4 or 8
CHEM 117		4010
& 117	Chemical Concepts and Applications and Chemical Concepts and Applications *	
CHEM 121	General Chemistry I	
& 121L	and General Chemistry I Laboratory	
& CHEM 122	and General Chemistry II	
& CHEM 122L	and General Chemistry II Laboratory *	
Microbiology Sequence: Select one r	microbiology course & lab from the following:	3-5
MICR 202	Introductory Microbiology	
& 202L	and Introductory Microbiology Lab *	
MICR 350	General Microbiology	
& 350L	and General Microbiology Lab *	
Major Electives: Select one from the	•	3
ANTH 332	Medical Anthropology	
SOC 417	Sociology of the Family	
SOC 440	Sociology of Aging	
SOC 441	Death and Dying	
Communication: Select one of the fo	Communication: Select one of the following:	
COMM 308	Business and Professional Speaking	
COMM 315	Small Group Communication	
COMM 380	Health Communication I	
COMM 381		
COMM 383	Organizational Communication I	
CHP 400	Interprofessional Health Care Practice	
Total Credits		101-108

These core courses have a maximum of two attempts allowed.

# **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.
- Completion of the prerequisites does not guarantee a student internship. Selection of interns is competitive. Please consult your Respiratory Care advisor for more information.