



SCHOOL OF MEDICINE

HEALTH PROFESSIONS AND
PRE-DOCTORAL PROGRAMS

BACHELOR OF SCIENCE IN RESPIRATORY THERAPY

Application Deadline – January 10 (Fall Entry)

GENERAL EDUCATION – Part I (IUPUI Course Numbers) State General Education Core Not Completed

These requirements must be met by all applicants.++

1. CORE COMMUNICATION – TWO CONTENT AREAS (2 Courses, 6.0 cr hrs)

Dept	Course	Title	Cr Hrs
ENG-W	131	Reading, Writing, & Inquiry I	3.0
COMM-R	110	Fundamentals of Speech Communication	3.0

2. ARTS/HUMANITIES & SOCIAL SCIENCES – TWO CONTENT AREAS (3 Courses, 9.0 cr hrs)

Dept	Course	Title	Cr Hrs
PHIL-P	120	Ethics	3.0
PSY-B	110	Introduction to Psychology	3.0
SWK-S	221	Human Growth and Development in the Social Environment*	3.0
*Students who have already completed nine (9.0) credit hours of approved Arts/Humanities or Social Sciences courses are urged to take PSY-B 310 (Life Span Development) instead of SWK-S 221.			

3. CULTURAL UNDERSTANDING – ONE COURSE (3.0 Cr Hrs)

Dept	Course	Title	Cr Hrs
	<i>One Elective</i>	Elective from Cultural Understanding List **	3.0

4. ANALYTICAL REASONING – TWO CONTENT AREAS (3 Courses, 8.0 cr hrs Minimum)

Dept	Course	Title	Cr Hrs
A. College Algebra/Trigonometry or Higher (One or Two Courses) – Choose <u>ONE</u> Sequence+			
MATH	15300	Algebra and Trigonometry I (<i>Preferred</i>)	3.0
MATH	15400	AND Algebra and Trigonometry II (<i>Preferred</i>)	3.0
MATH	15900	OR Precalculus	5.0
<i>NOTE: The below sequence will be accepted by the program's admissions committee but is <u>not</u> the recommended math sequence for either of the required physics courses (PHYS-P 201 or PHYS 218).</i>			
MATH-M	118	Finite Math	6.0
MATH-M	119	AND Brief Survey of Calculus	
+Enrollment in math courses requires placement or completion of prerequisite course Second math course is a program requirement, but listed with the general education courses for ease of advising.			
B. Statistics (One Course) – Choose <u>ONE</u> course from any of the below options			
	<i>Choose one of the following options</i>	ECON-E 270, PSY-B 305, SOC-R 359, SPEA-K 300, STAT 30100, or SWK-S 372	3.0

BS IN RESPIRATORY THERAPY/STGEC NEEDED - CONTINUED

5. LIFE AND PHYSICAL SCIENCES – **ONE** CONTENT AREA (2 Lecture Courses, 6.0 Cr Hrs + 2 Lab Courses, 2.0 Cr Hrs[^])

Dept	Course	Title	Cr Hrs
Human Anatomy & Human Physiology – Choose <u>One</u> Sequence, Minimum of 8.0 credit hours			
BIOL-N	212/213	Human Biology I	3.0
		Human Biology I Laboratory	1.0 [^]
BIOL-N	214/215	AND Human Biology II (P: BIOL-N 212)	3.0
		Human Biology II Lab	1.0 [^]
[^] Laboratory components (BIOL-N 213/215) are program requirements, but listed with the general education courses since they should be taken concurrently with the lecture courses (BIOL-N 212/214).			
OR			
BIOL-N	261/217	Human Anatomy AND Human Physiology	

ADDITIONAL PROGRAM REQUIREMENTS – Part II (IUPUI Course Numbers)

1. ADDITIONAL WRITTEN COMMUNICATION – **ONE** COURSE (3.0 Cr Hrs)

Dept	Course	Title	Cr Hrs
ENG-W	231	Professional Writing Skills	3.0
		OR Science Writing	
		OR Argumentative Writing	

2. ADDITIONAL LIFE AND PHYSICAL SCIENCES – **THREE** CONTENT AREAS

Dept	Course	Title	Cr Hrs
A. Chemistry – Choose <u>One</u> Course with Laboratory, Minimum of 5.0 credit hours			
CHEM-C	101/121	Elementary Chemistry I (P: one semester of high school algebra) & Elementary Chemistry I Laboratory (P or C: C101)	5.0
		OR Principles of Chemistry I (Placement Exam Required) & Experimental Chemistry I (P or C: C105 or equivalent)	
B. Microbiology – Choose <u>One</u> Course, Minimum of 3.0 cr hrs			
BIOL-N	251	Introduction to Microbiology	3.0
		OR Microbiology and Immunology	
C. Physics – Choose <u>One</u> Course, Minimum of 4.0 credit hours			
PHYS-P	201	General Physics I (P: MATH 15900 or equivalent)	4.0
		OR General Physics (P: MATH 15900 or equivalent)	

ELECTIVE CREDIT HOURS NEEDED FOR PROGRAM ENTRY 1.0-3.0

SUGGESTED ELECTIVES – Students with less than 50.0 credit hours after taking all required courses will need to take electives to meet this minimum. Suggested electives include: Medical Terminology, Cellular Biology, Nutrition, First Aid, Health Care Administration, Exercise Physiology, Personal Health, or additional Psychology.

TOTAL CREDIT HOURS NEEDED FOR PROGRAM ENTRY 50.0

SUGGESTED PLAN OF STUDY – Each program provides a suggested plan of study in their section of the IUPUI Campus Bulletin. For the most recent version, visit <http://bulletin.iupui.edu>. Plans of study may vary by student based on the placement test scores, date major was declared, or other factors. Please check with your advisor to be sure all admission requirements are being met.

BS IN RESPIRATORY THERAPY/STGEC NEEDED - CONTINUED

IMPORTANT ADMISSIONS CRITERIA & ADDITIONAL INFORMATION - For a complete list, see the School of Medicine Health Professions Programs section of the IUPUI Bulletin. Completion of requirements does not guarantee admission into the program. Competitive grade point averages are generally higher than the stated minimums.

- Credit hours needed prior to entrance.....50.0
- Minimum Grade Point Averages needed.....2.50 Cumulative
- Minimum grade in stated math & science prerequisite course.....C (2.00)
- Interview required.....Yes
- Additional Requirements.....Clinical Observation Form
- Application Deadline.....January 10
- Entry Requirements Must Be Completed By.....**August 1**

***To see approved courses that can be considered to meet specific areas, where not already designated, please visit <https://due.iupui.edu/undergraduate-curricula/general-education/iupui-general-education-core/>.*

FOR MORE INFORMATION - For advising assistance visit us online at <http://medicine.iu.edu/hpp/> or contact the School's Administrative Office at (317) 278-4752 or askhpp@iupui.edu. You may also contact the Respiratory Therapy Program Director at (317) 962-8475 or jjohnson2@iuhealth.org.

++Students who have earned or are earning an Associates in Respiratory Therapy should consult with the HPP office for additional information.

NOTE: Enrollment at Indiana University does not guarantee admission to any of the IU School of Medicine Health Professions Programs. To be eligible for admission to one of these programs, students must adhere to the academic regulations of the academic unit in which they are enrolled and meet School and individual program preadmission requirements as stipulated in the general education and program sections of the most recent bulletin. Admission to many programs is competitive; therefore, completion of the prerequisites does not guarantee admission to the program. To be considered for admission, students must complete an application in the year prior to entry by the program's stated application deadline.

ADMISSIONS TIP

Going into the year you submit your application, if you have less than a "C" in any math/science requirement, this course should be repeated during the **fall term** or you will likely be denied admission at time of application.

ADMISSIONS TIP

Class is selected based on cumulative GPA (not prerequisite course GPA) and interview. This GPA will include ALL courses at Indiana University (all campuses) in addition to ALL courses taken at other colleges or universities.