

Bachelor of Science

Respiratory Therapy

Respiratory Therapists evaluate and treat patients with cardiopulmonary disorders, and are actively involved in health promotion and disease prevention. They care for all types of patients, from the premature infant to the extremely old, and practice in a variety of settings, ranging from patients' homes to the highest level of critical care units.

*** * * Notes * * ***

The Indiana University School of Medicine offers the Bachelor of Science in Respiratory Therapy as part of a consortium that also includes Ball State University, the University of Indianapolis, and Clarian Health Partners. Classroom and laboratory courses are held at Methodist Hospital (Indianapolis), which is connected to the IUPUI campus via a free train (People Mover). Students remain enrolled at IUPUI for all their Respiratory Therapy courses and will receive their degree from the IU School of Medicine.


Admissions Policy Change for 2009:

Students applying to the professional/clinical portion of the respiratory therapy program may not submit applications through two or more universities.


SCHOOL OF MEDICINE HEALTH PROFESSIONS PROGRAMS
INDIANA UNIVERSITY SYSTEM COURSE EQUIVALENTS

BACHELOR OF SCIENCE IN RESPIRATORY THERAPY PREREQUISITES

Advisors should always check to make sure students have completed any needed prerequisites for each of the courses listed above.

COURSES	IUB	IUPUI	CO	IUE	IPFW	IUK	IUN	IUSB	IUS
Written Communication (Two Courses)	ENG-W 131* & 231**	ENG-W 131 & 231**	ENG-W 131 & 231**	ENG-W 131 & 231**	ENG-W 131 & 233**	ENG-W 131 & 231**	ENG-W 131 & 231**	ENG-W 131 & 231**	ENG-W 131 & 231**
*Check specific campus bulletin for other equivalents to ENG-W 131 **ENG-W 231/233 is the preferred course. ENG-W 132 at IUPUI (and other campuses) can be substituted. COAS-W 333 Intensive Writing at IUB (and other campuses) combined with another course will also satisfy the second written communication requirement.									
Verbal Communication (One Course)	CMCL-C 122 or 121	COMM-C 180 or R 110	COMM-C 180 or R 110	CMCL-C 122 or SPCH-S 121	COM 212 or 114	SPCH-S 122 or S 121	SPCH-S 122 or S 121	SPCH-S 122 or S 121	SPCH-S 122 or S 121
NOTE: Interpersonal communication is the preferred verbal communication course									
General Psychology (One Course)	PSY P101 or P102	PSY B104 or B105	PSY B104 or B105	PSY P103	PSY 120	PSY P103	PSY P101	PSY P103	PSY P101
Life Span or Developmental Psychology  (One Course)	PSY P315 or P316 or HPER F150 or EDUC P314	PSY B310 or B354 or B360 or EDUC P249	PSY B310 or B354 or B360 or EDUC P249	PSY P216 or EDUC P249	PSY 369 or 235 or 362 or 367 or EDUC P249	PSY P216 or EDUC P249	ED P214 or P316	PSY P216 or P316 or P331	PSY B310 or B354 or P316
Mathematics +	MATH M025 & M026 or M118 & M119	MATH 153 & 154 (preferred) or MATH-M 118 and 119	MATH 153 & 154 (preferred) or MATH-M 118 and 119	MATH M125 & M126 or M118 & M119	MA 153 & 154	MA 153 & 154 or MATH M125 & M126 or M118 & M119	MATH M125 & M126 or M118 & M119	MATH M125 & M126 or M118 & M119	MATH M125 & M126 or M118 & M119
Statistics (One Course) <i>Other equivalents can be substituted</i>	MATH-K 300 or PSY-K 300	STAT 301 or PSY-B 305 or SPEA-K 300	STAT 301 or PSY-B 305	MATH-K 300 or PSY-K 300	STAT 301 or PSY 201	STAT 301 or PSY-K 300	PSY-K 300 or SPEA-K 300	MATH-K 310 or SPEA-K 300	MATH-K 300 or ECON-E 280
Computer Science (One Course)	CSCI-A 110 or 201 or BUS-K 201	CSCI-N 100 or CIT 10600 or BUS-K 201	CSCI-N 100 or CIT 10700	CSCI-A 110 or COLI-S series	CS 106 or BUS K00 or equivalent	CSCI-C106 or CNIT 13600 or BUS-K 201	CSCI-C 106 or A 106 or BUS-K 201	CSCI-A106 or C 101 or BUS-K 201	CSCI-C 106 or A 201
Ethics # (One Course)	PHIL P140 or P242 or P342 or REL R120 or R373	PHIL P120 or P393	PHIL P120 or P393	PHIL P120 or P140	PHIL 111 or 312	PHIL P140	PHIL P140	PHIL P140	PHIL P140

+ Interpersonal communication is the preferred verbal communication course

 Life Span Development will cover infancy through adult. Developmental Psychology can cover any phase of a person's life. A student now has the option of choosing a Child or Adult Developmental Psychology course or any course that does cover infancy through adult. A course covering infancy through adult is preferred.

+ Please check physics prerequisites before choosing math course. Please note 6 credits minimum required unless the course completed is MATH 159

Any Philosophy course that includes ethics as a component will fulfill this requirement.

SEE NEXT PAGE FOR ADDITIONAL REQUIREMENTS

BACHELOR OF SCIENCE IN RESPIRATORY THERAPY PREREQUISITES (Continued)
INDIANA UNIVERSITY SYSTEM COURSE EQUIVALENTS

Advisors should always check to make sure students have completed any needed prerequisites for each of the courses listed above.

COURSES	IUB	IUPUI	IUPUC	IUE	IPFW	IUK	IUN	IUSB	IUS
BASIC LIFE/PHYSICAL SCIENCES – <u>FOUR</u> CONTENT AREAS									
Elementary Chemistry w/ Lab	CHEM C101 & C121 or C105 & C125 or C103	CHEM C101 & C121 or C105 & C125	CHEM C101 or C105	CHEM C101 & C121 or C105 & C125 or C108	CHEM 115 & 115L	CHEM C101 & C121 or C105 & C125	CHEM C101 & C121 or C105 & C125	CHEM C101 & C121 or C105 & C125	CHEM C101 & C121 or C105 & C125
Human Anatomy & Human Physiology*	ANAT A215 & PSHL P215	BIOL N261 & N217 or BIOL N212/ N213/N214 /N215	BIOL N261 & N217 or BIOL N212/ N213/N214 /N215	ANAT A215 & PSHL P215 or PSHL P261 & P262	BIOL 215 & 216 or BIOL 203 & 204	ANAT A215 & PSHL P215	PHSL P261 & P262	PHSL P261& P262	ANAT A215 & PSHL P215
Microbiology**	BIOL M200 or MICR M250	MICR J210 or BIOL N251	BIOL N251	MICR J200 & J201	BIOL 220	MICR J200 & J201 or M310	MICR J200 & J201 or BIOL M310	MICR M250 or M310	MICR J200 & J201 or M310
Physics***	PHYS P201	PHYS P201 or 218	PHYS 218	PHYS P201	PHYS 201 or 218 or 220+	PHYS P201	PHYS P201	PHYS P201 or 221	PHYS P201

- * The 5 credit hour versions of anatomy and physiology are preferred
- ** Microbiology lab is not required by the program but may be required by the BIOL/MICR Department
- *** Physics lab is not required by the program but may be required by the PHYS Department
- + PHYS 220 at IPFW is preferred physics

SCHOOL OF MEDICINE HEALTH PROFESSIONS PROGRAMS
OTHER INDIANA COLLEGE/UNIVERSITY COURSE EQUIVALENTS

RESPIRATORY THERAPY PREREQUISITES

Courses	Ball State	Butler	Indiana State	Ivy Tech /CC of Ind	Marian	Purdue Calumet	Purdue W Laf.	Univ. of Indpls.	Univ. of S. Ind.	Vincn. U.
Written Communication (Two Courses)*	ENG 103 & 231 or 104 & 231	EN 102 & 201	ENG 105 & 305T or 107 & 305T	ENG 111 & 211 or 111 & 112	ENG 101 & 115	ENGL 104 & 105	ENG 106 + one additional upper level writing course	ENG 101 & 102	ENG 101 & 210 or 101 & 201	ENGL 101 & 210 or 101 & 102
Verbal Comm. ✓ (One Course)	COMM 240 or 210	COMM 102	COMM 101 or 202	COMM 102 or 101	COM 101	COM 214 or 114	COM 212 or 114	COMM 100	CMST 107 or 101	SPCH148 or 143
Ethics (One Course)	PHL 202	PL 360 or 363	PHIL 201	PHL 102 or 101	PHIL 215	PHIL 111 or 325	PHIL 111	PHIL 201	PHIL 201	PHIL 212
Psychology (One Course)	PSYSC 100	PS 101	PSY 101	PSY 101	PSY 101	PSY 120	PSY 120	PSY 120	PSY 201	PSYC 141 or 142
Life Span or Developmental Psychology	Life Span Development will cover infancy through adult. Developmental Psychology can cover any phase of a person's life. A student now has the option of choosing a Child or Adult Developmental Psychology course or any course that does cover infancy through adult. A course covering infancy through adult is preferred.									
Math	6 credits of math that count for college credit including intermediate									
Statistics (One Course)	PSYSC 241 or MAT 221 or equiv	MA 103 or 260 or equiv	PSY 375 or MATH 241 or equiv	MAT 115	PSY 205 or MAT 130 or equiv	STAT 301 or BIOL 330 or equiv	STAT 301 or SOC 382 or equiv	MATH 220 or equiv	PSY 303 or MATH 241 or equiv	MATH 110 or BMM 265
Computer Science (One Course)	3 credits of Computer Science or Computer Technology									
BASIC LIFE/PHYSICAL SCIENCES – <u>FOUR</u> CONTENT AREAS										
Chemistry w/lab (3 credits min)	CHEM 101 or higher	CH 101 or higher	CHEM 103 or higher	CHM 105	CHE 100 higher	CHM 111 or higher	CHM 111 or higher	CHEM 104 or 150 or higher	CHEM 103 or higher	CHEM 101
Anatomy & Physiology w/ labs (6 credits min total)	ANAT 201 & PHSL 210 & 211 or 215	BI 257 & PX 311 or 315	LIFS 231/231L & 241/241L	ANP 101 & 102 & 201	BIO 223 & 224	BIOL 213 & 214	BIOL 203 & 204 or 301 & 302	BIOL 103 & 104	BIOL 121 & 122	LFSC/LFSL211 & 212 or 111 & 112
Micro (lab not required by program)	BIO 213	BI 410	LIFS 274 w/lab	BIO 211	BIO 114	BIOL 316	BIOL 221 or 438	BIOL 209	BIOL 272	LFSC/LFSL 210
Physics (lab not required by program)	PHYCS 110 or 120	PH 107 or 201	PHYS 105 w/ lab	PHY 101	PHY 210	PHYS 220	PHYS 218 or 220	PHYS 150	PHYS 175	PHYS/ PHSL 105

* Program prefers that the second composition course be Professional Writing

✓ Program prefers an interpersonal communication course

Any Philosophy course that includes ethics as a component will fulfill this requirement.

Advisors should always check to make sure students have completed any needed prerequisites for each of the courses listed above

Bachelor of Science in Respiratory Therapy

The following is a suggested two-year plan for completing the Respiratory Therapy prerequisites.
Variations of the schedule can be made.

Please check with your advisor to be sure all admission requirements are being met.

	FALL	SPRING
FIRST YEAR	Written Communication 3cr Human Anatomy or Human Biology I w/ lab 4-5cr Social/Behavioral Science 3cr College Level Mathematics 1 3cr Total 13-14cr	Verbal Communication 3cr Human Physiology or Human Biology II w/ lab 4-5cr Chemistry w/ lab 5cr College Level Mathematics 2 3cr Total 15- 16cr
NOTE: At this point, students who have a minimum 2.50 cumulative GPA may be eligible to submit an application for admission prior to the January 1 st deadline.		
SECOND YEAR	Professional Writing 3cr Physics 4-5cr Ethics 3cr Introduction to Computers 3cr Total 13-14cr	Statistics 3cr Intro to Microbiology 3-4cr Life Span Psychology 3cr Electives 3+cr Total 12+cr Cumulative Total 55cr
NOTE: At this point, students accepted into the professional program must have completed a minimum of 55 credit hours including all stated program prerequisites and have a minimum 2.50 cumulative GPA prior to the program's Fall starting date.		

- ◆ Students must complete enough credit hours of electives to bring their total number of completed credit hours to 55 before the start of the professional program.

Suggested Electives

- Cellular Biology, Nutrition, First Aid, Health Care Administration, Exercise Physiology, Medical Terminology, Epidemiology, Personal Health, or Psychology

A Brief Summary of School and Program Admission Requirements

For a complete list, see the School of Medicine's section of the IUPUI Campus 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 55 credits
- Minimum Grade Point Averages needed 2.50 CUMULATIVE
- Minimum grade needed in math/science prerequisites..... C (2.00)
- Interview required..... Yes
- Application Deadline January 1
(Late applications will be considered on a space-available basis.)

For advising assistance, please contact Health Professions Programs Office at (317) 278-4752, Medical Science Room 259 C/D, or askhpp@iupui.edu. You may also contact the Respiratory Therapy Program at (317) 962-8475 or lvanscoder@clarian.org.

THIS SHEET IS FOR ADVISING PURPOSES ONLY. PLEASE REFER TO SCHOOL OF MEDICINE SECTION OF THE IUPUI BULLETIN FOR ALL PROGRAM REQUIREMENTS

Program Admission Information Sheet – 2009

Program: RESPIRATORY THERAPY, B.S.

Revised 03/09

<p>Advisory Note:</p>	<p>The IU Respiratory Therapy Program is part of a hospital and university-based consortium.</p>
<p>Application Deadline:</p>	<p>January 1</p>
<p>Admission Criteria: Factors used in determining the rank order that are not part of the published criteria that might have academic advising implications. (e.g., weighted components, nature of electives, residency preference, etc.)</p>	<p>Overall GPA used to rank candidates. A clinical shadowing experience is required.</p> <p>Indiana residents accepted prior to out-of-state residents.</p>
<p>Component GPA (if used):</p> <p>None</p>	
<p>Interview When is the interview conducted?</p> <p>How long is the interview?</p> <p>How many interviewers?</p> <p>What is the make-up of the interview team?</p> <p>Briefly describe the interview. What suggestions do you have to help applicants prepare?</p> <p>Date by which an applicant should contact the program if he/she has not heard from the program about an interview date or that he/she is not qualified.</p> <p>Date by which admission decisions are made (hopefully).</p>	<p>December or January and as needed for applications received later</p> <p>30 minutes</p> <p>2-4</p> <p>The interview team is made up of 2-4 faculty. Late applicants may have an individual interviewer.</p> <p>The purpose is to assess the applicant's knowledge of the Respiratory Therapy profession and general communication skills. The program encourages individuals to investigate the profession prior to the interview.</p> <p>30 days after application deadline</p> <p>45 - 60 days after application deadline</p>

Program Fact Sheet – 2009

Program: **RESPIRATORY THERAPY, B.S.**

Revised 03/09

<p>Professional Curriculum: Describe the nature of the professional program. How intense is it? Are there any unique characteristics or demands?</p>	<p>The program is full-time and includes classroom, laboratory, and clinical practice courses. Within the 70 credit hour professional curriculum student will spend approximately 1000 hours in supervised clinical practice.</p>						
<p>Credentials: What is the credential required to practice?</p> <p>Are there specialty credentials?</p> <p>What is the procedure for obtaining the necessary credentials?</p>	<p>Graduates must take the CRT exam for their license to practice in Indiana. The program also prepares graduates for the Advanced Practitioner, RRT, exam.</p> <p>Yes; Neonatal/Pediatric, Pulmonary Functions, Polysomnography, and Asthma Education.</p> <p>All graduates are eligible and can obtain applications from state/national organizations.</p>						
<p>Competitiveness: How competitive is admission to the program?</p> <p>What changes do you foresee in the next year? Two years?</p>	<p>The program is moderately competitive. We can accommodate non-IU AS graduates into our program, given the appropriate general education and prerequisites.</p> <p>Although the current minimum degree requirement for Respiratory Therapists is an AS, there is a push at the national level to move to a BS minimum.</p>						
<p>Placement Statistics: In Indiana?</p> <p>Outside Indiana?</p>	<p>Continues at 100% placement in Indiana.</p> <p>Some graduates accept out-of-state positions. All states use the same exam for licensure.</p>						
<p>Student Permits Can students work in the profession prior to graduation?</p>	<p>Yes. If a student is in good academic standing after completing the first year of junior level professional courses, a student may apply for a student permit through the Indiana Professional Licensing Agency. This will allow the student to work in the field before graduation.</p>						
<p>Salary Range: Entry level?</p> <p>Five years of experience?</p>	<table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: center; border: none;"><u>Indiana</u></th> <th style="text-align: center; border: none;"><u>National</u></th> </tr> </thead> <tbody> <tr> <td style="text-align: center; border: none;">\$37,500 - \$43,000</td> <td style="text-align: center; border: none;">\$35,000 - \$48,000</td> </tr> <tr> <td style="text-align: center; border: none;">\$44,000 - \$62,000</td> <td style="text-align: center; border: none;">\$42,000 - \$67,000</td> </tr> </tbody> </table>	<u>Indiana</u>	<u>National</u>	\$37,500 - \$43,000	\$35,000 - \$48,000	\$44,000 - \$62,000	\$42,000 - \$67,000
<u>Indiana</u>	<u>National</u>						
\$37,500 - \$43,000	\$35,000 - \$48,000						
\$44,000 - \$62,000	\$42,000 - \$67,000						