

#### **DONNA AND ALLAN LANSING SCHOOL OF NURSING & HEALTH SCIENCES**

## Accelerated Second Degree Bachelor of Health Science in Respiratory Therapy

The Respiratory Therapy Department offers a one-year, accelerated second degree program for the individual who holds a bachelors degree in another field. In one year, qualified individuals can earn a second degree and begin an exciting career as a respiratory therapist. Respiratory therapists are healthcare professionals who evaluate and treat persons of all ages having lung and heart disorders.

The responsibilities of the therapist include: pulmonary function assessment, diagnostic testing, administering oxygen and aerosolized drugs, breathing retraining and pulmonary rehabilitation, acute care management of patients requiring ventilatory support, and emergency care. Respiratory therapists find careers in multiple settings including the hospital, home care and rehabilitation.

While in the program, students complete 55 semester hours in residence at Bellarmine complying with the university policy to complete a minimum of 36 semester hours, including at least 12 upper level semester hours in the degree major. The technical standards for the program include minimum standards of observation, motor function, behavioral-social capabilities and communication. A list of the technical standards may be obtained from the Respiratory Therapy Department in Miles Hall, 317.

#### **PROGRAM ADMISSION REQUIREMENTS**

- Complete and sign the application. You may apply online at www.bellarmine.edu.gradapp.
- Submit a \$40 application fee (unless a Bellarmine University alumni/a).
- Candidates must hold a minimum of a bachelor's degree.
- Cumulative grade point average of at least 2.5.
- Provide a written statement explaining why you want to become a Respiratory Therapist.
- Successful completion of required prerequisite courses for the Respiratory Therapy program. Prerequisite course(s) may be taken at Bellarmine University.
- Final official transcript(s) from each college or university attended should be mailed to the Office of Graduate Admission and should not be marked "Issued to Student". If any transcript(s) or undergraduate degree(s) is from an international institution, you must provide an official copy to be evaluated by the Bellarmine University International Programs Office. All transcripts and academic records will be credentialed and authenticated by the university. To expedite the admissions process,
- applicants are encouraged to submit their credentials for document authentication and a course by course evaluation to World Education Services at www.wes. org; AACRAO International Education Services at ies. aacroa.org/; ECE at www.ece.org/ or another NACES recognized service provider (see www.naces.org/). Please note, the fees for these services vary and reports must document that the credentials are authentic, indicate the U.S. equivalency for the credential (i.e., four year undergraduate degree or masters degree), and GPA. Credential transcripts and third party credential reports must be forwarded by mail to: Bellarmine University, Office of Graduate Admission, 2001 Newburg Road, Louisville, KY 40205.
- A personal interview, if requested, by the Respiratory Therapy Admission Committee.
- Provide one letter of recommendation from a faculty member and/or supervisor who knows you. A recommendation form is included in the packet.

#### INTERNATIONAL APPLICANTS

# Please complete the items under Procedure for Admission and submit the following:

Language Proficiency: All students are expected to have appropriate English-language proficiency to be admitted to the university. The language proficiency is required to ensure students are adequately prepared and well positioned to succeed. The Lansing School of Nursing and Health Sciences requires an official TOEFL iBT score for verification of language proficiency. Applicants who fall into any of the following categories should supply an official TOEFL iBT score: a) born outside the US, b) for whom English is a second language, c) have a degree or transcripts from a non-US institution. Applicants must earn a total score of 83 or higher and a speaking score of 26 or higher to meet the language proficiency requirement.

Financial Affidavit. All applicants must provide a financial affidavit certifying the ability to fund the cost of attending Bellarmine University for one academic year. Figures must be expressed in United States currency.

#### **TUITION AND FEE INFORMATION**

#### **Tuition for 2014-2015**

55 credit hours at \$610 per credit hour for a total of \$33,550.

#### Fees for 2014-2015

\$50 per class for full-time students

The three semester professional program approximate cost for tuition and fees is \$34,400.

#### **Funding Assistance**

At Bellarmine, we recognize that the cost of private higher education is a major consideration for you, and we are committed to providing you with a high quality education at a reasonable cost. Our staff will work closely with you to explore all of the resources and funding options available. Our goal is to ensure that every student receives our best offer of financial assistance and that your affordable investment in a Bellarmine education is a reality. Qualified Accelerated Second Degree Respiratory Therapy students are eligibile for federal student loans and may also choose to apply to local hospital scholarship-to-work programs. For more information on how to fund your Bellarmine education, please visit www.bellarmine.edu/financialaid and www. fafsa.gov. The Bellarmine school code is 001954.

# RESPIRATORY THERAPY PROGRAM ACCREDITATION

The Respiratory Therapy Program (offering the Bachelor of Health Science degree in Louisville, KY) is accredited by the Commission on Accreditation for Respiratory Care (CoARC) (www. coarc.com).

#### Commission on Accreditation for Respiratory Care

1248 Harwood Road / Bedford, Texas 76021-4244 / 817.283.2835

# RESPIRATORY THERAPY PREREQUISITE AND/OR PRE-MAJOR COURSES

The following are pre-major courses and will typically be completed prior to admission to the program; however, upon approval from the department chair, some of these courses may be taken concurrently with the major courses. Courses from this list, if taken after admission to the program, would be considered graduation requirements:

- 8 hours of Anatomy and Physiology I and II
- 4 hours of Microbiology
- 4 hours of General College Chemistry
- 3-4 hours of Physics
- 3 hours of General Psychology
- 3 hours of Ethics
- 3-4 hours of Statistics

### Total prerequisite and pre-major credits: 28-30 hours

#### THE CURRICULUM

#### Fall

THEO 200	Ultimate Questions (3)
RTH 308/309	RT Science I and Lab (4)
RTH 311	Clinical Assessment (3)
RTH 340	RT Clinical Education I (2)
BIOL 300	Pathophysiology (4)
NURS 312	Healthcare Research (3)

#### Spring

RTH 313/314	RT Science II and Lab (5)
RTH 321	Cardiopulmonary Pathology (2)
RTH 323	Introduction to Pharmacology (3)
RTH 350	RT Clinical Education II (6)
RTH 455	Advanced Cardiac Life Support (2)

#### Summer

RTH 420	Respiratory Therapy Science III (3)
RTH 440	Cardiopulmonary Monitoring (3)
RTH 450	Neonatal/Pediatric Respiratory Care (3)

RTH 460 RT Clinical Education III (3) RTH 485 RT Clinical Education IV (3)

RTH 490 Seminar (3)

#### **CONTACT INFORMATION**

Julie Armstrong-Binnix, Graduate Admission Officer 502.272.8364, 800.274.4723 x.8364 julieab@bellarmine.edu or gradadmissions@bellarmine.edu

#### Mail materials to:

Bellarmine University Office of Graduate Admission 2001 Newburg Road / Louisville, Ky 40205

#### **COURSE DESCRIPTIONS**

## RTH 308/309 Respiratory Therapy Science I and Laboratory (3-1)

This lecture course introduces the student to topics in basic respiratory care. Considered are the use of oxygen in the treatment of oxygenation disorders; humidity and aerosol therapy; deep breathing and incentive spirometry, and postural drainage therapy and suctioning in the treatment of disorders.

#### RTH 311 Clinical Assessment (3)

This course focuses on health assessment of individuals across the life span and normal and abnormal pulmonary physiology. Students will develop skills for obtaining health histories and performing physical examinations. (2 hours class and 3 hours laboratory.)

## RTH 313/314 Respiratory Therapy Science II and Laboratory (4-1)

The course introduces bronchial hygiene therapies and mechanical ventilation. Arterial blood gas analysis principles and interpretation are considered in relationship to the topics of acute respiratory failure and mechanical ventilation. Laboratory sessions focus on pre-clinical practice motor skills.

#### RTH 321 Cardiopulmonary Pathology (2)

Selected cardiac and pulmonary disease states are considered during this course. Etiology, pathology, disease progression, and treatment and prognosis are emphasized.

#### RTH 323 Introduction to Pharmacology (3)

The course introduces facts and principles related to pharmacologic preparations, their administration routes, effects and biotransformation/elimination mechanisms. The peripheral nervous system and neuropharmacology are considered with an emphasis on topically administered pulmonary medications. Cardiovascular drugs are also considered.

#### RTH 340 Respiratory Therapy Clinical Education I (2)

Respiratory therapy clinical practice is introduced by emphasizing patient care principles, e.g. vital signs, charting, body mechanics, and aseptic techniques. Supervised patient practice of the procedures introduced in Respiratory Therapy Science I follow.

#### RTH 350 Respiratory Therapy Clinical Education II (6)

The clinical application of the procedures introduced in RT Science II is emphasized, as well as continued practice of skills gained in RTH Clinical Education I.

#### RTH 420 Respiratory Therapy Science III (3)

Acute respiratory failure intervention is considered in this course as well as selected topics in pulmonary rehabilitation and pulmonary function testing.

#### RTH 440 Cardiopulmonary Monitoring (3)

Detailed treatment of pressure, volume and flow scalars in mechanically ventilated patients; work of breathing and lung mechanics measurements; and end-tidal carbon dioxide monitoring. Also discussed are electrocardiography, Holter monitoring, and hemodynamic measurements.

#### RTH 450 Neonatal/Pediatric Respiratory Care (3)

Fetal cardiopulmonary development, labor and delivery are discussed as well as factors placing infants at high-risk and the intervention required for moderately and severely depressed infants. Oxygen therapy and mechanical ventilation of the neonate and child are also considered.

#### RTH 455 Advanced Cardiac Life Support (2)

This lecture/laboratory course introduces the student to Advanced Cardiac Life Support. Considered are the management of cardiopulmonary arrest, treatment of cardiac arrythmias, clinical issues in ACLS, and pharmacologic treatment modalities. Upon course completion, student will be eligible to become an ACLS provider.

#### RTH 460 Respiratory Therapy Clinical Education III (3)

Continued practice of clinical skills gained in Clinical Education I and II.

#### RTH 485 Respiratory Therapy Clinical Education IV (3)

The clinical application of the procedures introduced in Respiratory Therapy Science III is emphasized as well as continued practice of those skills gained in Clinical education I, II, and III.

#### RTH 490 Seminar (3)

Selected clinical topics in review of the literature and case presentation format.

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Commission on Accreditation for Respiratory Care 1248 Harwood Road Bedford, Texas 76021-4244 817.283.2835

#### CONTACT INFORMATION

Julie Armstrong-Binnix Graduate Admission Officer 502.272.8364, 800.274.4723 x.8364 julieab@bellarmine.edu

Office of Graduate Admission 502.272.7200 gradadmissions@bellarmine.edu

#### MAIL MATERIALS TO

Bellarmine University Office of Graduate Admission 2001 Newburg Road Louisville, Kentucky 40205

### Accelerated Second Degree Bachelor of Health Science in Respiratory Therapy

This application is for: ■ Fall of 20\_\_\_\_

### **PERSONAL DATA**

Name	FIRST	MIDDLE	MAIDEN	
Preferred Name	Social Security Nur		Gender	
Place of Birth			Date of Birth	
Place of Birth	STATE/PROVINCE	COUNTRY	Butc of Birtin	
Permanent Address		STREET ADDRESS		
CITY	COUNTY	STATE/PROVINCE	ZIP CODE	COUNTRY
Home Phone ()	Work N	umber ()	E	xtension
a 11 -1				
Cell Phone ()	Email Ad	dress		
Citizenship U.S.	Permanent U.S. Resident	Non U.S. Citize	en	
1				
If you are not a U.S. citizen,	what is your country of citiz	enship?		
What is your current country	v of residence?			
,				
Is English your first language	? Yes No			
If not, what is your first lang	112ge?			
in not, what is your mot lang	uuge.			
Are you Hispanic or Latino?	(optional) Yes No	o		
In addition colors on a common	f 4h - f-llii-l4	i		
In addition, select one or mo  American Indian or Alask	0	,	oursen (optionar): or African American	
Native Hawaiian or Other		White	COLUMN TIME TEAM	
Will you be applying for aid	with the Veterans Administr	ation? Yes	No	
Where did you hear about Be	ellarmine's Accelerated Bach	elor of Health Science	e in Respiratory Therapy	program?

<sup>\*</sup>Not required but must be provided to receive federal and/or state aid.

### **EDUCATIONAL DATA**

Please list all colleges and/or universities you have attended.

INSTITUTION	LOCATION	DATES ATTENDED	DEGREE RECEIVED	GPA
INSTITUTION	EOCATION	DATES ATTENDED	DEGREE RECEIVED	OFA
Have you ever been enre	olled in a health science pro	gram? If so, where?		
	- 11		. =	
Do you plan on taking p	prerequisite courses at Bellai	rmine before your program star	ts? Yes No	
If so which semester do	o vou plan to enroll in prere	quisites? Fall of	Spring of	Summer of
ii so, which semester de	you plan to emon in prefet	dusites: — I all of ———	= Spring or =	Summer or
<b>PREREQUISIT</b>	E COURSES			
List all pre-requisite	courses you have comp	leted.		
zist aii pro requisite	courses you have comp			
COURSE		SEMESTER/YEA	R COURSE TITLE	INSTITUTION
		JEHESTER, TEX	N COOKSE IIIE	into into into in
		et completed but must be	completed before ent	tering the
Accelerated RT. Plea	ase include your anticipa	ated completion dates.		
COURSE		SEMESTER/YEA	R COURSE TITLE	INSTITUTION
COURSE		SEMESIER/TEA	R COURSE IIILE	INSTITUTION

### **PROFESSIONAL INFORMATION**

List jobs (part time or full time) which you have held. EMPLOYER DUTIES DATES If you have been employed, list two supervisors who may be contacted for recommendations. NAME ADDRESS PHONE **COMMUNITY ACTIVITIES** List extracurricular or community activities in which you are involved. OFFICE / LEADERSHIP POSITION HELD ORGANIZATION / GROUP DATES INVOLVED **HONORS AND AWARDS** List honors and/ or awards you have received.

### **BACKGROUND DATA** Have you ever been dismissed from a college or university for disciplinary reasons, or been sanctioned by a disciplinary board? If yes, from where? A release will be mailed to you. You must sign and complete the form and mail it back to the Office of Admission at Bellarmine University one month prior to the first week of classes. This form will be mailed to the Dean of Students asking for an explanation of the sanction and circumstances. No Have you ever been convicted of a misdemeanor felony? Yes If you answered yes to either of the last two questions, please explain on a separate sheet of paper how you were held accountable (i.e., outcomes, sanctions), when the incident occurred and any additional information you wish to provide. Please note that we may need to request additional information. In the event you are admitted and enrolled at Bellarmine University and your status changes, you are required to contact the Dean of Students immediately at 502.272.8426. Failure to report a change of status could result in immediate expulsion. SIGNATURE OF APPLICANT I declare that the information provided on this form is true, correct and complete. Bellarmine University has my permission to verify information by obtaining documents as needed. I understand that providing false information may result in Bellarmine University revoking my status as an accepted or enrolled student. Also, I grant Bellarmine University or its appointee(s) permis-

Bellarmine University admits qualified students of any age, sex, sexual orientation, race, color, religion, or national and ethnic origin to all the rights, privileges, programs, and activities generally accorded or made available to students at the school. It does not discriminate on the basis of age, sex, sexual orientation, race, disability, color, religion, or national and ethnic origin in administration of its educational policies, admissions policies, scholarship and loan programs, and athletic and other school administered programs. Bellarmine University is an Affirmative Action-Equal Opportunity employer.

Date

sion to post my personal and academic information on Bellarmine's secured, password protected intranet and student portal.

Signature

# **RECOMMENDATION FORM:** Accelerated Second Degree Bachelor of Health Science in Respiratory Therapy

**APPLICANT:** Fill in your name and forward a copy to the respondent. Please provide a stamped, addressed envelope along with the form. One recommendation is required with your application.

I, undersigned, hereby waive all rights or privileges to inspectation.	pect or challenge the content and comments appearing in this letter of
Name of Applicant	
Signature	Date
Therapy Program. Evaluations of the applicant's potential requests that you write on his/her behalf. A standard for	we is applying for admission to the Bellarmine University Respiratory and are required as part of the application procedure and this individual emat is provided for your use, but you may choose to write a letter insuld respond as early as possible so that consideration of the application
Name of Respondent	Title
Signature	Date
Basis of Evaluation: (Check all that apply).	
<ul> <li>Student in class</li> <li>As a co-worker</li> <li>Assistant to me in teaching or research</li> </ul>	<ul> <li>Through discussions with the student</li> <li>Through discussions with other faculty</li> <li>Through examination of the student's record</li> </ul>

Rate the student on the following in terms of his/her potential for further training and professional practice. Keep in mind that this rating should be relative to students you may have known who have aspired to a career in Respiratory Therapy and not necessarily relative to all students you have known. Use the following scale: 4-Outstanding, 3- Good, 2-Satisfactory, and 1-Unsatisfactory.

	4	3	2	1	DESCRIPTIVE COMMENTS
Intelligence					
Oral and Written Expression					
Character and Personality					
Personal and Social Maturity					
Interpersonal Relationships					
Motivation					
Initiative					
Work Habits					
Overall Rating					



Is there any reason to question the applicant's integrity?
Is there any reason to question the applicant's emotional stability?
How long and under what circumstances have you known the applicant?
What are the outstanding characteristics (positive and negative) of the candidate?
How well does the candidate get along with fellow students and the faculty?
How does the applicant compare with other pre-professional students with similar career aspirations?
What is your overall evaluation of the applicant?

