

Student Name: _____

SID: _____

 Courses may be subject to prerequisites and minimum grade requirements. Check online at www.bellevuecollege.edu/classes/All/

PROGRAM REQUIREMENTS			REQUESTED SUBSTITUTION/TRANSFER CREDIT (if applicable)					
Course	Course Title	Credits	College/University	Course	Credits	Grade	Quarter	Year
ENTRY REQUIREMENT								
Math 099	Intermediate Algebra	N/A						
Prior business experience or coursework Skills In creating spreadsheets and using spreadsheet programs								
PREREQUISITE REQUIREMENTS								
National Certification in Nuclear Medicine Technology OR		N/A						
An associate degree in Nuclear Medicine Technology		65						
Science	Human Anatomy and Physiology I	5						
Science	Human Anatomy and Physiology II	5						
English	English Composition I	5						
Humanities	From AAS-DTA transfer list	5						
Social Science	From AAS-DTA transfer list	5						
GENERAL PROGRAM AND CONCENTRATION REQUIREMENTS								
CMST 330	Intercultural Communication for the Professional Practitioner	5						
ECON 315	Economics of Healthcare	5						
MATH 130	Introduction to Statistics	5						
PHIL 365	Biomedical Ethics: Theory and Practice	5						
Choose 5 credits from the following		5						
ENGL 201	The Research Paper (5 Cr)							
ENGL& 235	Technical Writing (5 Cr)							
CONCENTRATION REQUIREMENTS								
RAIM 411	Institutional Quality Management & Accreditation	5						
RAIM 460	Management & Leadership in Healthcare	5						
RAIT 301	Sectional Anatomy	3						
RAIT 310	Computed Tomography Instrumentation & Procedures	3						
RAIT 311	Clinical Practicum in Computed Tomography	12						
RAIT 315	Magnetic Resonance Instrumentation & Procedures	3						
RAIT 350	Nuclear Cardiology	5						
RAIT 360	Advanced Positron Emission Tomography	3						
RAIT 361	Clinical Practicum Positron Emission Tomography	12						
RAIT 455	Nuclear Medicine Concept Integration	2						
RAIT 490	Information & Imaging Management	3						
ELECTIVES								
Choose at least 9 credits from the following		9						
RAIT 302	Body Pathophysiology (3 Cr)							
RAIT 303	Neuropathophysiology (3 Cr)							
RAIT 312	Biology of Cancer (5 Cr)							
RAIT 316	Clinical Practicum In Magnetic Resonance Imaging (12 Cr)							
RAIT 401	Advanced Sectional Anatomy (2 Cr)							
RAIT 410	Advanced Computed Tomography Procedures (3 Cr)							
RAIM 320	Finance & Accounting for Healthcare Managers (5 Cr)							
RAIM 325	Organizational Theory & Behavior in Healthcare (5 Cr)							
RAIM 340	Human Resources Management in Healthcare (5 Cr)							
RAIM 350	Legal & Regulatory Aspects of Healthcare (5 Cr)							
RAIM 401	Marketing in Healthcare Environment (5 Cr)							
RAIM 440	New Business Planning in Healthcare (5 Cr)							
<i>Note: Prior upper-division college courses may be substituted for the electives on approval of the program director.</i>								
GRAND TOTAL		180						

Please complete this form prior to meeting with the Program Chair for signature. Completed form must be submitted to the Evaluations/Graduation Office when applying for graduation.

Program Chair: _____

Date: _____

Radiation and Imaging Sciences – Nuclear Medicine 2014-2015 *Bachelor of Applied Science Degree* *(continued)*

PROGRAM ELIGIBILITY

National certification in radiologic technology, radiation therapy, nuclear medicine technology, or diagnostic medical sonography. For the medical dosimetry concentration, certification must be in radiation therapy. For the radiologist assistant concentration, certification must be in radiologic technology.

Demonstrated completion from a regionally accredited college of the following courses, or their equivalent, with a grade point average of 2.5 or better:

- Intermediate algebra (or assessment into a higher level course)
- College level English composition
- Two courses in human anatomy and physiology; or certification in Computed Tomography (CT) or Magnetic Resonance Imaging (MRI)
- Humanities course
- Social sciences course

The radiologist assistant program requires two years of practice as a certified (ARRT) radiographer.

APPLICATION PROCESS

To be considered for the bachelor of applied science program prospective students must submit the following:

- Completed bachelor of applied science application form and notice of right to file a discrimination complaint.
- Nonrefundable application fee of \$125.
- Official transcripts from a regionally accredited college.
- Proof of national certification in one of the four identified fields.
- Two letters of recommendation from someone who personally knows your work, such as your current or past manager, discussing your contributions to your work place and how he or she believes you will benefit from completion of the BAS program. For Medical Dosimetry at least one letter must be from an oncologist, medical physicist, dosimetrist, chief therapist, or program director of a radiation therapy program. For Radiologist Assistant at least one letter must be from a radiologist.
- Personal statement of no more than 500 words discussing your understanding of the role in your chosen field and how that fits in with your personal or professional goals. You may also discuss your work experience; your advanced certifications; specific or unique attributes that you will bring to the program; challenges or hardships you have overcome in pursuing your educational or work goals; or other special considerations that would make you a good candidate for the program.

Applications and instructions are available on the website at <http://bellevuecollege.edu/health/imaging/>, at the BC Student Service Center, or from the Radiation and Imaging Science department office in room A251 or by calling (425) 564-2316.

DESCRIPTION

The BAS concentration in nuclear medicine is designed for individuals who have completed nuclear medicine technology educational programs and want to advance their knowledge and skills within this specialty. In conjunction with the combination of nuclear medicine imaging with other imaging modalities, the concentration includes learning and practice in computed tomography and magnetic resonance imaging.

Learning Outcomes

Degree recipients should possess the skills and abilities described below:

- Perform PET, CT and PET/CT examinations, analyze the results, and provide appropriate patient care relevant to each modality
- Demonstrate a level of knowledge in nuclear cardiology, positron emission tomography, computed tomography, and magnetic resonance imaging that is commensurate with certification exams in these fields
- Discuss concepts of and provide input into the management of radiology image/information processing systems, quality assurance programs, and departmental accreditation efforts
- Apply concepts of management, communications, and teamwork to the operation of a nuclear medicine department, and develop strategies to improve departmental function
- Analyze aspects of health care as currently practiced in the United States, from the standpoint of economic challenges, cultural differences, and ethical dilemmas
- Communicate with culturally dissimilar persons in a professional environment
- Given a variety of scenarios, integrate all aspects of nuclear medicine into holistic solutions or responses

STAYING ON TRACK

Use Degree Audit to track your progress toward completion of this degree at

bellevuecollege.edu/degreeaudit

Please refer to <http://bellevuecollege.edu/programs/degrees/> for latest degree updates and further information.

DEGREE REQUIREMENTS

In addition to eligibility requirements, students must achieve the following:

Completion of 90 quarter credits in the general program and concentration requirements, with a grade of "C", or better.

A minimum cumulative GPA of 2.0 for all coursework taken at BC and the courses applies to the degree, including credits transferred from other colleges.

At least 45 quarter credits for the degree must be completed in residence at BC, of which 30 credits must be upper division.

GRADUATION APPLICATION

Students must apply for graduation. Submit your graduation application form two quarters prior to the expected graduation date and pay the application fee.

Application deadlines:

- Fall: June 1
- Winter: October 10
- Spring: December 10
- Summer: March 15

PROGRAM CONTACT INFORMATION

<http://bellevuecollege.edu/health/imaging/>

Radiation and Imaging Sciences – Nuclear Medicine Concentration