

STUDENT NAME		SID #	
PROGRAM CHAIR		DATE	

PROGRAM REQUIREMENTS			Requested Substitution/Transfer Credits (if applicable)			Completed		
Course	Course Title	CR	College/University	Course	CR	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			65					
BIOL& 241	Human Anatomy and Physiology I	5						
BIOL& 242	Human Anatomy and Physiology II	5						
ENGL& 101	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 Health Communication	5						
ECON 315	Economics of Healthcare	5						
MATH 130	Introduction to Statistics	5						
PHIL 365	Biomedical Ethics: Theory and Practice	5						
<i>Choose 5 credits from the following:</i>		5						
ENGL 201	The Research Paper (5 Cr)							
ENGL& 235	Technical Writing (5 Cr)							

NUCLEAR MEDICINE 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

<i>Choose at least 9 credits from the following:</i>		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/RAIM 399	RAIS Independent Study (1-5 Cr)							
RAIT 401	Advanced Sectional Anatomy (2 Cr)							
RAIT 410	Advanced Computed Tomography Procedures (3 Cr)							
RAIT 461	Clinical Practicum II in PET (9 Cr)							
RAIT/RAIM 494/5/6/7	RAIS Special Topics (1-5 Cr)							
<i>Electives continued on next page.</i>								

ELECTIVES								
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)							
Note: Prior upper-division college courses may be substituted for the electives on approval of the program director.								
GRAND TOTAL				180				

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 industry trend of combining 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

PROGRAM ELIGIBILITY

Individuals must have:

- National certification in nuclear medicine 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

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

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 regionally accredited colleges
- 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
- 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 www.bellevuecollege.edu/imaging/.

FOR MOST UP-TO-DATE INFORMATION, GO TO:

www.bellevuecollege.edu/programs/degrees/bachelor/bas/nucmed/

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