

<b>STUDENT NAME</b>	<b>SID #</b>	
<b>PROGRAM CHAIR</b>	<b>DATE</b>	

PROGRAM REQUIREMENTS			Requested Substitution/Transfer Credits (if applicable)			Completed		
Course	Course Title	CR	College/University	Course	CR	Grade	Quarter	Year
<b>PROFICIENCY REQUIREMENT</b>								
Proficient use of Microsoft Word, Excel and PowerPoint								
<b>PREREQUISITE REQUIREMENTS</b>								
National Certification in Nuclear Medicine Technology			50					
<b>Science</b>	Human Anatomy and Physiology I & II	10						
<b>Writing</b>	English Composition and Technical Writing or Research Writing	10						
<b>College Level Math</b>	MATH 130 Statistics, BA 240 Statistical Analysis or equivalent	5						
<b>CO-REQUISITE REQUIREMENTS</b>								
<b>BUS&amp; 101</b>	Introduction to Business	5						
<b>Humanities</b>	From AAS-DTA transfer list	5						
<b>Social Science</b>	From AAS-DTA transfer list	5						
<i>Either Humanities or Social Science must be a communication course</i>								
<b>CORE CURRICULUM</b>								
<b>GENERAL PROGRAM AND CONCENTRATION REQUIREMENTS</b>		<b>73</b>						
<b>CMST 330</b>	Intercultural Health Communication	5						
<b>ECON 315</b>	Economics of Healthcare	5						
<b>PHIL 365</b>	Biomedical Ethics: Theory and Practice	5						
<b>HCML 301</b>	Essential Foundations of Healthcare Management	5						
<b>HCML 310</b>	Health Information Systems for HC Managers	5						
<b>HCML 411</b>	Institutional Quality Management & Accreditation	5						
<b>HCML 460</b>	Management & Leadership in Healthcare	5						
<b>RAIM 301</b>	Essentials of Imaging and Therapy	5						
<b>RAIT 301</b>	Sectional Anatomy	5						
<b>RAIT 302</b>	Body Pathophysiology	5						
<b>RAIT 303</b>	Neuropathophysiology	5						
<b>RAIT 310</b>	CT Instrumentation & Procedures	3						
<b>RAIT 350</b>	Nuclear Cardiology	5						
<b>RAIT 360</b>	Positron Emission Tomography	3						
<b>RAIT 455</b>	Nuclear Medicine Concept Integration	2						
<b>RAIT 465</b>	Capstone Proposal	1						
<b>RAIT 475</b>	Capstone Project	4						
<b>ELECTIVES</b>		<b>17</b>						
<b>BIOL 312</b>	Biology of Cancer (5 Cr)							
<b>HCML 320</b>	Finance & Accounting for Healthcare Managers (5 Cr)							
<b>HCML 325</b>	Organizational Theory & Behavior in Healthcare (5 Cr)							
<b>HCML 340</b>	Human Resources Management in Healthcare (5 Cr)							
<b>HCML 350</b>	Legal & Regulatory Aspects of Healthcare (5 Cr)							
<b>HCML 375</b>	Project Management in Healthcare (5 Cr)							
<b>HCML 380</b>	Revenue Cycle in healthcare (5 Cr)							
<b>HCML 399</b>	Independent Study (1-5 Cr)							
<b>HCML 401</b>	Marketing in Healthcare Environment (5 Cr)							
<b>HCML 415</b>	Operations Management in Healthcare (5 Cr)							
<b>HCML 420</b>	Global Healthcare (5 Cr)							
<b>HCML 440</b>	Business Planning in Healthcare (5 Cr)							
<b>HCML 494/5/6/7</b>	Special Topics (1-5 Cr)							
<i>List of Electives continued on page 2</i>								

<b>RAIT 311</b>	Clinical Practicum in CT (12 Cr)						
<b>RAIT 314</b>	CT Lab (1 Cr)						
<b>RAIT 315</b>	MR Instrumentation & Procedures (3 Cr)						
<b>RAIT 316</b>	Clinical Practicum - MRI (12 Cr)						
<b>RAIT 317</b>	MRI Lab (1 Cr)						
<b>RAIT 359</b>	Basics of PET (3 Cr)						
<b>RAIT 361</b>	Clinical Practicum - PET (12 Cr)						
<b>RAIT 399</b>	Independent Study (1-5 Cr)						
<b>RAIT 401</b>	Advanced Sectional Anatomy (2 Cr)						
<b>RAIT 410</b>	Advanced Computed Tomography Procedures (3 Cr)						
<b>RAIT 411</b>	Clinical Practicum II - CT (11 Cr)						
<b>RAIT 415</b>	Advanced MRI procedures (3 Cr)						
<b>RAIT 416</b>	Clinical Practicum II - MRI (11 Cr)						
<b>RAIT 461</b>	Clinical Practicum II - PET (9 Cr)						
<b>RAIT 494/5/6/7</b>	Special Topics (1-5 Cr)						
<b>GRAND TOTAL</b>		<b>180</b>					

Bellevue College consulted with radiation and imaging professionals and accrediting societies to develop the professionally relevant curriculum for this degree. The curriculum incorporates discipline-based, general education and elective courses built on progressive rigor and sophistication. The program receives ongoing review and guidance from its industry advisory committee to maintain currency.

Required core courses provide the technical knowledge and foundational skills to your success as an advanced technologist. Students can also choose from a variety of electives that will help develop advanced technical skills that best match their career goals.

### 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 2.0 or better:
  - Human Anatomy and Physiology I & II
  - College Level Math: MATH 130 Statistics, BA 240 Statistical Analysis or equivalent
  - English composition course and Technical Writing or Research Writing

- Co-Requisite requirement: must be completed no later than the first two quarters of acceptance:
  - Introduction to Business course
  - Humanities course from AAS-DTA transfer list
  - Social sciences course from AAS-DTA transfer list
  - Either Humanities or Social Science must be a communication 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 general Bellevue College admission form
- Nonrefundable admissions and placement fee of \$55
- Completed Bachelor of Applied Science application form and notice of right to file a discrimination complaint
- Nonrefundable application fee of \$50
- Official transcripts from a regionally accredited college
- Proof of national certification in Nuclear Medicine Technology.
- 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.

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

[www.bellevuecollege.edu/imaging](http://www.bellevuecollege.edu/imaging)