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| 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 |
| PROGRAM PREREQUISITES | | | | | | | | |
| BIOL& 241 | Human Anatomy and Physiology I (6 Cr) Note: this course requires either BIOL& 160 or BIOL& 211) | | | | | | | |
| BIOL& 242 | Human Anatomy and Physiology II (6 Cr) | | | | | | | |
| CHEM& 121 | Introduction to Chemistry (6 Cr) | | | | | | | |
| CHEM& 131 | Introduction to Organic/Biochemistry (6 Cr) | | | | | | | |
| ENGL& 101 | English Composition I (5 Cr) | | | | | | | |
| MATH& 141 | Precalculus I (5 Cr) | | | | | | | |
| PHYS& 114 | General Physics I (6 Cr) | | | | | | | |
| PHYS& 115 | General Physics II (6 Cr) | | | | | | | |
| PHYS& 116 | General Physics III (6 Cr) | | | | | | | |
| CORE COURSEWORK | | | | | | | | |
| FALL QUARTER | | | | | | | | |
| CMST 250 | Organizational Communication | 5 | | | | | | |
| NMTEC 200 | Applied Anatomy & Physiology | 1 | | | | | | |
| NMTEC 201 | Basic Nuclear Medicine Science | 3 | | | | | | |
| NMTEC 229 | Introduction to Clinical Education | 3 | | | | | | |
| NMTEC 260 | Clinical Nuclear Medicine I | 1 | | | | | | |
| RADON 107 | Orientation to Clinical Practice | 2 | | | | | | |
| WINTER QUARTER | | | | | | | | |
| NMTEC 202 | Instrumentation | 2 | | | | | | |
| NMTEC 210 | Radiopharmacy | 1 | | | | | | |
| NMTEC 211 | Patient Care in Nuclear Medicine | 1 | | | | | | |
| NMTEC 230 | Clinical Education I | 10 | | | | | | |
| SPRING QUARTER | | | | | | | | |
| NMTEC 203 | Computers in Nuclear Medicine | 3 | | | | | | |
| NMTEC 231 | Clinical Education II | 10 | | | | | | |
| NMTEC 240 | Radiation Safety | 1 | | | | | | |
| NMTEC 241 | Radiation Biology | 1 | | | | | | |
| NMTEC 261 | Clinical Nuclear Medicine II | 1 | | | | | | |
| SUMMER QUARTER | | | | | | | | |
| NMTEC 212 | Positron Emission Tomography | 2 | | | | | | |
| NMTEC 232 | Clinical Education III | 12 | | | | | | |
| NMTEC 250 | Sectional Anatomy for Nuclear Medicine | 3 | | | | | | |
| NMTEC 262 | Clinical Nuclear Medicine III | 1 | | | | | | |
| FALL QUARTER | | | | | | | | |
| NMTEC 280 | Computed Tomography for Nuclear Medicine | 3 | | | | | | |
| NMTEC 233 | Clinical Education IV | 13 | | | | | | |
| WINTER QUARTER | | | | | | | | |
| NMTEC 234 | Clinical Education V | 13 | | | | | | |
| NMTEC 275 | Board Preparation | 1 | | | | | | |
| TOTAL | | 93 | | | | | | |

Nuclear medicine is a subspecialty of radiology that uses radioactive materials in the body to diagnose and treat disease. The Associate of Arts degree program in nuclear medicine technology covers all aspects of a nuclear medicine technologist's job, including a wide variety of imaging and therapeutic procedures; preparation and administration of radiopharmaceuticals; use of radiation detectors including gamma cameras and PET tomographs; and use of a variety of computer systems. More than 2/3 of the program is devoted to training in area hospitals and clinics. The program uses a selective-admissions process, with admissions guidelines published annually.

LEARNING OUTCOMES

Degree recipients should possess the skills & abilities described below:

- Perform nuclear medicine functions of all kinds, including imaging, non-imaging, and therapy procedures; quality control procedures; radiopharmacy skills; and radiation safety/protection techniques and procedures.
- Operate nuclear medicine equipment including gamma cameras, SPECT systems, PET scanners, and CT scanners co-located with SPECT or PET systems; and nuclear medicine computers, including scheduling, radiopharmacy, imaging, and archiving systems.
- Review requests for appropriateness and schedule nuclear medicine studies, consulting as necessary to attain the best quality of patient care.
- Assess technical results of nuclear medicine procedures and functions and determine appropriate actions based on those results.
- Communicate effectively with patients, family members, hospital staff, and the general public, and demonstrate professionalism in all actions and communications.
- Provide nursing and emergency care as appropriate to the situation and scope of practice.
- Use appropriate resources to advance their understanding of new directions within the field of nuclear medicine.

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

www.bellevuecollege.edu/programs/degrees/proftech/nmtec/

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