Program description

The Rutgers, School of Health-Related Professions (SHRP) Nuclear Medicine program is a medical specialty that uses radioactive materials for the diagnosis and treatment of disease. It is a field that has grown phenomenally over its relatively short existence. Recent advances in the field include monoclonal antibody and peptide imaging, positron emission tomography (PET) fused with CT, and expanded use of therapeutic procedures. Nuclear Medicine Technologists are highly skilled professionals whose knowledge in patient care techniques and the biological and physical sciences enable them to work hand-in-hand with physicians and other allied health professionals to provide care, comfort and an accurate diagnostic and treatment plan for each patient. They are specifically trained in radiation safety, laboratory techniques, imaging procedures and the use of highly specialized equipment to assure the efficient daily operation of their facility.

Technologists can find employment opportunities in hospitals, private imaging centers, and laboratories. Additional, career opportunities exist with technical and radiopharmaceutical companies in product sales and technical support. All career opportunities offer competitive salaries and attractive benefits.

The academic curriculum and the clinical training facilities have been selected to provide a program that is educational and comprehensive in its methods and capable of thoroughly training students in the principles, ethics and practices of Nuclear Medicine Technology.
The Nuclear Medicine Technology Program is full time for a duration of fifteen months. During these fifteen-months, students study nuclear medicine from its roots to present day technology, then explore its future potential in diagnostic and therapeutic medicine. This is done through a combination of didactic classroom work and hands on clinical time in the hospital setting. Students are expected to maintain a grade average of at least 80% to remain in the program.

The program has certificate, and Bachelor Degree options, all program options prepare the student for examination by the Nuclear Medicine Technology Certification Board and/or American Registry of Radiologic Technologists. The program is approved by the New Jersey Commission of Radiation Protection and accredited by the Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCEPNMT).

**Full-time/part time status**
This is a full-time program. We currently have no provisions for part-time enrollment.

**Department Faculty**
Please see the department faculty under Medical Imaging Department and select your campus.

**Primary Campus Location**
The program is based in the Scotch Plains campus.

**Curriculum**
See database for program requirements and course descriptions and select your program.

**Major Clinical Affiliates**
- Holy Name Hospital, Teaneck, NJ
- Palisades General Hospital, North Bergen, NJ
- Robert Wood Johnson University Hospital, New Brunswick, NJ
- Robert Wood Johnson University Hospital at Rahway, Rahway, NJ
- St. Peter's University Hospital, New Brunswick, NJ
- Cardinal Health Radio Pharmacy, Kenilworth, NJ
- Toms River Community Medical Center, Toms River, NJ
- University Hospital, Newark, NJ
- Beth Israel Medical Center, Newark, NJ
- Advanced Medical Imaging, Old Bridge, NJ
**Accreditation Status**
Joint Review Committee on Educational Programs in Nuclear Medicine  
PMB 418, #1 2nd Ave East, Suite C  
Polson, MT 59860-2107  
Phone: (406) 883-0003  
Contact: Elaine Cuklanz

*Date of accreditation: October 2009*

**Admissions requirements**

**OPTION 1:** Certificate in Nuclear Medicine Technology  
Applicants for this program must have successfully completed at least two years of college and the following post secondary course work from an accredited institution in higher education. Prior completion of an Allied Health Care program may meet these requirements. Applicants must have current certification in Cardiopulmonary Resuscitation (CPR) or must complete a CPR course on their own before the end of the first semester.

- 2 semesters of Human Anatomy and Physiology with laboratory  
- 1 semester of Biology with laboratory  
- 1 semester of Introduction to Chemistry with laboratory  
- 2 semester of College Math to include Algebra  
- 2 semesters of Oral/Written Communications  
- 1 semester of General Physics  
- 1 semester of Social Sciences  
- 1 semester of Humanities  
- Medical terminology

Minimum G.P.A. requirement is 2.75

**OPTION 2:** Bachelor of Science in Medical Imaging Science:  
Applicants must have completed the required liberal study courses at the partner institution with a minimum G.P.A. of 2.75. For more information please refer to the section on Bachelor of Science in Medical Imaging Science.

Applicants must have current certification in Cardiopulmonary Resuscitation (CPR) or must complete a CPR course on their own before the end of the first semester.

**OPTION 3:** Second Bachelor of Science Degree:  
Applicants that possess a BS or BA degree must have completed the same college prerequisite course requirements as the certificate option. Minimum G.P.A. requirement is 2.75
Applicants must have current certification in Cardiopulmonary Resuscitation (CPR) or must complete a CPR course on their own before the end of the first semester.

For all program options, foreign educated students must submit the following: TOEFL scores (minimum TOEFL score of 90 on the Internet-based exam with minimum individual element scores as follows: Reading 20, Listening 20, Speaking 26, and Writing 24. The Computer-Based exam minimum score is 233) and WES translation of foreign transcripts. Interested applicants can contact the Office of Enrollment Services at (973) 972-5454.

For more information
For more information contact the Office of Enrollment Services at (973) 972-5336 or via e-mail.

For more specific information contact the program at:
Rutgers, The State University of New Jersey
RBHS - School of Health Related Professions
Nuclear Medicine Technology Program
Michael Teters, Program Director
1776 Raritan Road
Scotch Plains, NJ 07076

Phone: 908 889-2449 - E-mail: teterms@shrp.rutgers.edu