

NUCLEAR MEDICINE TECHNOLOGY
Nuclear Medicine Technology Associate in Science Major Code 2102
Nuclear Medicine Technology Specialist Technical Certificate Major Code 6224

Program Description

Nuclear Medicine Technologists prepare and administer tracer radiopharmaceuticals to patients and perform diagnostic procedures on virtually every organ system in the human body by using highly sophisticated computerized detection systems to produce images (scans).

Clinical Education is performed in local clinics and hospitals in Palm Beach and Broward counties and is offered concurrently with the didactic courses.

The Program maintains regional accreditation through the Southern Association of Colleges and Schools.

Nuclear Medicine Technology-Specialist Technical Certificate Track:

Applicants for the Nuclear Medicine Technology Technical Certificate Program must be a graduate of an accredited two-year Radiography program which leads to registration and/or licensure. Preference is given to Registered Radiographers. Applicants who have a minimum of a two-year patient care related Health Science Degree and are certified and/or licensed in the degree of specialization are also welcome to apply. Upon completion of the twelve (12) months full-time day program, the student will be eligible to write the Nuclear Medicine Exam offered by, and become certified by, the American Registry of Radiologic Technologists and/or write the exam offered by the Nuclear Medicine Technology Certification Board. Successfully passing these exams will allow the student to become licensed by the State of Florida.

Applicants should call the Program Manager at 954-201-2083 for specific program information. Applicants should call 954 201-2058 or 2890 for admissions information. The program is offered in building 41, BC North Campus, 1000 Coconut Creek Boulevard, Coconut Creek, FL.

Nuclear Medicine applicants who have criminal convictions must clear all ethics requirements by filing a Pre-application Review of Eligibility Form with the American Registry of Radiologic Technologists to avoid potential delays when applying to write the Certifying Exam. Applicants can contact the American Registry of Radiologic Technologists by telephoning the Ethics Department of the ARRT at 651-687-0048.

Criteria for Admission to the Nuclear Medicine Technology-Technical Certificate Program:

- Applicant must fulfill the requirements for admission to Health Science Programs.
- Minimum 2.5 degree GPA.
- **Applicants must have an Associate Degree in a related field of study, (i.e., Radiologic Technology or a valid Florida healthcare license in another Allied Health area).**
- Complete the following courses with a grade of "C" or higher: ENC 1101, BSC 1085, CHM 1032, and MTB 1310 or MAT 1033.

Requirements for Nuclear Medicine Technology-Technical Certificate Program:

- Complete 48 semester credit hours with a GPA of 2.0 or higher.
- No grade lower than a "C" in all certificate course

Note: In order to successfully progress through the Nuclear Medicine Technology Specialist Technical Certificate Program, students must achieve a grade of "C" or above in all didactic courses and an "S" (satisfactory) grade in all clinical and laboratory courses. This requirement is in addition to maintaining an overall degree GPA of at least 2.0.

Nuclear Medicine Technology Associate in Science Major Code 2102

This Associate in Science degree program is a two-year program. Applicants shall complete the first year General Education Requirements prior to the second year of the program. Upon completion of this degree program, the student will be eligible to write the Nuclear Medicine Exam offered by, and become certified by, the American Registry of Radiologic Technologists AND/OR write the exam offered by the Nuclear Medicine Technology Certification Board. Successfully passing these exams will allow the student to become licensed by the State of Florida.

Clinical Education is performed in local clinics and hospitals and is offered concurrently with the didactic courses. The program maintains regional accreditation throughout the Southern Association of Colleges and Schools.

Criteria for Admission to Associate in Science Degree in Nuclear Medicine Technology:

- Applicants must fulfill the requirements for admission to Health Science Programs. A minimum 2.5 degree GPA.
- Applicants must complete the Pre-Health Science Core requirements (HCP 0130, CAE 0299, CAE 0382, CAE 0474, and CAE 0476) after submitting the Health Science application and prior to entering the program.
- Applicants must complete the pre-requisite courses with a grade of "C+" or higher prior to submitting an application (See list below.).

ADMISSION TO THE SECOND YEAR OF THE PROGRAM IS CONTINGENT UPON SUCCESSFUL COMPLETION OF ALL FIRST YEAR COURSES WITH A 2.0 GPA OR HIGHER.

Nuclear Medicine applicants who have criminal convictions or concerns must clear all ethics requirements by filing a Pre-application Review of Eligibility Form with the American Registry of Radiologic Technologists to avoid potential delays

when applying to write the Certifying Exam. Applicants can contact the American Registry of Radiologic Technologists by telephoning the Ethics Department of the ARRT at 651-687-0048.

Requirements for the Associate in Science Degree in Nuclear Medicine Technology:

- Complete 75 hours of credit with a degree grade point average of 2.0 or higher.
- No grade lower than a "C" will be acceptable in all degree courses.

Note: In order to successfully progress through the AS Nuclear Medicine Technology Program, students must achieve a grade of "C" or above in all didactic courses and an "S" (satisfactory) grade in all clinical and laboratory courses. This requirement is in addition to maintaining an overall degree GPA of at least 2.0.

Pre-requisite Courses

*ENC 1101	Composition I	3
*CHM 1032	Chemistry for Health Sciences	3
*BSC 1085	Anatomy and Physiology I	3
*BSC 1085L	Anatomy and Physiology Lab I	1
*MAT 1033	Intermediate Algebra or	
*MTB 1310	Applied Mathematics	3
Total Semester Hours		13

First Year Term I

*NMT 1002	Introduction to Nuclear Medicine	3
*NMT 1002L	Nuclear Medicine Lab	1
PHY 1001	Applied Physics	3
PHY 1001L	Applied Physics Lab	1
**CGS 1060C	Computer and Internet Literacy	3
HSC 1531	Medical Terminology	3
Total Term Semester Hours		14

First Year Term II

*NMT 1312	Radiation Protection and Safety	3
*NMT 1814	Nuclear Med. Clinical Ed. II	3
Elective	Social/Behavioral Science	3
*BSC 1086	Anatomy and Physiology II	3
*BSC 1086L	Anatomy and Physiology Lab II	1
Total Term Semester Hours		13

First Year Term III

SPC 1024	Introduction to Speech Communications	3
NMT 1824	Clinical Education III	2
Total Term Semester Hours		5

Second Year Term I

*NMT 2485	Nuclear Medicine Methodology	3
*NMT 2705L	Nuclear Medicine Laboratory I	1
*NMT 2130	Nuclear Med. Radiopharmacy	3
*NMT 2834	Clinical Education IV	2
*NMT 2534	Nuclear Med. Instrumentation	3
Total Term Semester Hours		12

Second Year Term II

*NMT 2573	Quality Control/Assurance	3
*NMT 2706L	Nuclear Medicine Laboratory II	1
*NMT 2102	Nuclear Medicine Administration ²	
*NMT 2844	Clinical Education V	3
Elective	Humanities/Fine Arts	3
Total Term Semester Hours		12

Second Year Term III

*NMT 2061	Nuclear Medicine Seminar	3
*NMT 2854	Clinical Education VI	3
Total Term Semester Hours		6
Total Program Hours		75

*Requires a pre- or co-requisite. Refer to the course descriptions found in this catalog or online at www.broward.edu.

**CGS1060C must be completed within the first 15 hours of Broward College coursework.

It is strongly recommended that students see an academic advisor or counselor every term

