



# NUCLEAR MEDICINE TECHNOLOGY, ASSOCIATE OF SCIENCE

**Program Code:** 2102

**Career Pathway:** Health Sciences

**Location(s):** General Education courses are offered at all BC locations. Program specific courses are only available at North Campus. (<https://www.broward.edu/about/locations/>)

**Program Entrance Requirements:** This is a limited access program. Students are required to complete a supplemental application and meet specific criteria. Please click here (<http://www.broward.edu/admissions/Pages/Health-Sciences-Admissions.aspx>) for more information.

**Program Description:** The Associate of Science in Nuclear Medicine Technology program is a limited access program. This program prepares students to become Nuclear Medicine Technologists. Nuclear Medicine Technologists prepare and administer 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 and process images. Visit the program's website (<http://www.broward.edu/academics/programs/nuclearmedicine/Pages/default.aspx>) for additional information. Technical Certificates represents a subset of specific Health Science courses within degree programs and are not awarded to students as a stand-alone certificate for employment purposes.

- a. Nuclear Medicine Specialist, Technical Certificate 6224
- b. Nuclear Medicine Technology, Associate of Science 2102
- c. Bachelor of Applied Science

Course	Title	Credits	6224
<b>Recommended General Education Courses</b>			
ENC1101	COMPOSITION I	3.00	
MAC1105	COLLEGE ALGEBRA <sup>1</sup>	3.00	
or MAC1105C	COREQUISITE COLLEGE ALGEBRA		
or STA2023	STATISTICS		
or MGF1106	FOUNDATIONS OF MATHEMATICAL REASONING		
BSC2085	HUMAN ANATOMY AND PHYSIOLOGY I	3.00	X
BSC2085L	HUMAN ANATOMY AND PHYSIOLOGY I LABORATORY	1.00	X
AMH2020	HISTORY OF THE UNITED STATES SINCE 1877	3.00	
or POS2041	NATIONAL GOVERNMENT		
CHM1032	CHEMISTRY FOR HEALTH SCIENCES	3.00	X
CHM1032L	CHEMISTRY FOR HEALTH SCIENCES LAB	1.00	X
PHY1001	APPLIED PHYSICS	3.00	
GE Course	General Education Humanities Core	3.00	
BSC2086	HUMAN ANATOMY AND PHYSIOLOGY II	3.00	X
BSC2086L	HUMAN ANATOMY AND PHYSIOLOGY II LABORATORY	1.00	X
Apply to the Program (By June 3rd)			
<b>Required Courses</b>			
NMT1002	INTRODUCTION TO NUCLEAR MEDICINE TECHNOLOGY	3.00	X
NMT1002L	INTRODUCTION TO NUCLEAR MEDICINE LAB	1.00	
NMT1430	RADIATION SAFETY AND RADIOBIOLOGY	3.00	X
NMT1714	NUCLEAR MEDICINE PATHOLOGY	3.00	X
NMT1630	NUCLEAR PHYSICS AND MATHEMATICAL APPLICATIONS	2.00	X
NMT1804	NUCLEAR MEDICINE CLINICAL EDUCATION I	2.00	
NMT1814	NUCLEAR MEDICINE CLINICAL EDUCATION II	2.00	
NMT1900	NUCLEAR MEDICINE IMAGING ANATOMY	2.00	
NMT2130	NUCLEAR MEDICINE RADIOPHARMACY	3.00	
NMT2713	NUCLEAR MEDICINE METHODOLOGY I	3.00	X
NMT2713L	NUCLEAR MEDICINE METHODOLOGY I LAB	1.00	
NMT2534	NUCLEAR MEDICINE INSTRUMENTATION	3.00	X

NMT2824	NUCLEAR MEDICINE CLINICAL EDUCATION III	3.00	X
NMT2723	NUCLEAR MEDICINE METHODOLOGY II	3.00	X
NMT2723L	NUCLEAR MEDICINE METHODOLOGY II LAB	1.00	
NMT2779	INTRODUCTION TO MULTIPLE MODALITIES	3.00	X
NMT2960	NUCLEAR MEDICINE ADVANCE APPLICATIONS	3.00	X
NMT2834	CLINICAL EDUCATION IV	3.00	X
NMT2061	NUCLEAR MEDICINE SEMINAR	3.00	X
NMT2102	NUCLEAR MEDICINE ADMINISTRATION	1.00	X
<b>Total Credits</b>		<b>75</b>	<b>48</b>

<sup>1</sup> MAC1105C COREQUISITE COLLEGE ALGEBRA is a 5-credit course.

**Notes:** Students earn points by the successful completion of the select courses listed above, see Health Science Admission Criteria for additional details. (<http://www.broward.edu/admissions/Documents/HSPrequisites.pdf>)

**Completion of the Technical Certificate Program will not provide students eligibility to sit for the registry nor work as a Nuclear Medicine Technologist.**

See General Education course information here (<https://catalog.broward.edu/programs-study/aa-general-education-graduation-requirements/>).

In accordance with Florida Statute and Florida Administrative Code, students may need to satisfy the Civic Literacy Graduation Requirement. Visit the Civic Literacy Graduation Requirement page at [broward.edu/civic-literacy](http://broward.edu/civic-literacy) (<https://students.broward.edu/resources/civic-literacy/>).

**Students are strongly encouraged to meet with an advisor (<https://students.broward.edu/resources/advising/>) to create a personalized educational plan.**

## Program Highlights

### Credit for Prior Learning

Accelerate your path to completion with these options:

- Credit by exam
- Earned industry certifications
- Prior Learning Assessment
- And much more...

### Related Industry Certifications

Upon completing this program, graduates will be eligible to sit for the following industry certifications/licenses:

- American Registry of Radiologic Technologists (ARRT) certification exam & subsequently apply to the state of Florida for licensure, and Nuclear Medicine Technologist Certification Board.

### Get an Internship

After completing your first year of coursework make sure to visit Employment Solutions (<https://broward.edu/career/>) for internship opportunities and helpful tools like virtual job shadow, to help take your career to the next level!

- Get an Internship (<http://broward.edu/studentresources/career/Pages/Find-a-job-or-internship.aspx>)
- Virtual Job Shadow Tool (<http://www.broward.edu/studentresources/career/Pages/default.aspx>)

### Median Wage and Job Growth Outlook

Broward College has Career Coach (<https://www.broward.edu/careercoach/>)! It is designed to help you find a good career by providing the most current local data on wages, employment, job postings, and associated education and training.

### Fund Your Education

This program is Financial Aid (<https://www.broward.edu/admissions/financial-aid/>) eligible. Scholarships (<https://www.broward.edu/admissions/financial-aid/scholarships/>) may be available.

## Program Learning Outcomes

Graduates from this program will be able:

- Demonstrate cardiac imaging proficiency.
- Competently communicate with clarity to a group of his / her peers.
- Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives for nuclear medicine clinical procedures.
- Demonstrate proficiency with professionalism in terms of service, clinical outcomes, and safety.
- Demonstrate proper etiquette when greeting the patient and state appropriate patient identifiers.