



A. SENDING AND RECEIVING INSTITUTIONS

Sending College: **Bronx Community College of the City University of New York**

Department: Physics and Technology

Program: Nuclear Medicine Technology

Degree: Associate in Applied Sciences

Receiving College: **New York City College of Technology**

Department: Radiologic Technology & Medical Imaging

Program: Radiological Science

Degree: Bachelor of Science

B. ADMISSION REQUIREMENTS FOR SENIOR COLLEGE PROGRAM

(e.g., minimum GPA, audition/portfolio):

About the Program

The Bachelor of Science (BS) degree program in Radiological Science is designated as a 2+2 model (AAS or equivalent+BS) to provide an avenue for professional and personal advancement for credentialed x-ray technologists, nuclear medicine technologists, sonographers, and radiation therapists. Qualified applicants include graduates of an associate degree or certificate (hospital-based) program accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT) and who are registered by the American Registry of Radiologic Technologists (ARRT) or equivalent.

This BS degree program is unique within The City University of New York (CUNY), the only one of its kind offering further education in medical imaging. The program was designed to meet the needs of a variety of individuals in the medical imaging and radiation therapy workforce, including entry-level personnel and experienced professionals who are looking for professional advancement.

The program offers a comprehensive curriculum that will enhance the student's preparation through advanced clinical practice, research and leadership training, leading to success in the constantly advancing and developing field of medical imaging. Upon completion, students will have attained knowledge based on radiologic and therapeutic science, combined with a rich core arts and science education that will expand their critical thinking and ethical reasoning skills, a key to lifelong learning.

Admission Requirements

- An Associate degree in Applied Science Degree in Radiologic Technology from Bronx Community College with a minimum GPA of 2.5.
- Proof of ARRT certification and/or state licensure.

Associate in Science Degree from Bronx Community College.

Bronx Community College graduates with the Associate Degree in Science will receive 63 credits toward the Bachelor of Science in Radiological and Health Sciences with Advanced Standing at New York City College of Technology.

Total transfer credits granted toward the baccalaureate degree: 63

Total additional credits required at the senior college to complete baccalaureate degree: 60

C. COURSE TO COURSE EQUIVALENCIES AND TRANSFER CREDIT AWARDED

Sending College		Receiving College Equivalent		Transfer Credit Granted
Core Requirements				
Course & Title	Credit	Course & Title	Credit	
ENG 10 Fundamentals of Composition and Rhetoric OR ENG 11 Compositions and Rhetoric I	3	ENG 1010 English Composition I	3	3
MTH 30 Pre-Calculus Mathematics	4	MAT 1375 Precalculus	4	4
BIO 23 Human Anatomy & Physiology I	4	BIO 2311 Human Anatomy & Physiology I	4	4
CMS 11 Fundamentals of Interpersonal Communication	3	SPE 1330 Effective Speaking	3	3
HIS 10 History of the Modern World OR HIS 11 Introduction to the Modern World	3	HIS 1102 History of Western Civilization II HIS 1101 History of Western Civilization I	3	3
SUBTOTAL			17	

Required Areas of Study				
[Bronx Community College] Course & Title	Credit	[NYCCT] Course & Title	Credit	Transfer Credit Granted
ART 10 Art Survey OR MUS 10 Music Survey	1	<i>Meets New York City College of Technology's General Education Category: Philosophy/Aesthetics/Literature: Aesthetics</i>	1	1
BIO 24 Human Anatomy & Physiology II	4	BIO 2312 Human Anatomy & Physiology II	4	4
CHM 17 Fundamentals of General Chemistry I	4	CHEM 1110 General Chemistry I	4	4
BIO 22 Medical Terminology	2	<i>Elective Credit</i>	2	2
LAW 45 Medical Law	3	<i>Elective Credit</i>	3	3
PHY 24 Principles of General Physics	4	PHYS 1420 Principles of General Physics	4	4
SUBTOTAL			18	

Specialization Requirements				
[Bronx Community College] Course & Title	Credit	[NYCCT] Course & Title	Credit	Transfer Credit Granted
NMT 78 EKG – Interpretation & Techniques	2	Lower Division Radiography Credits	28	2
NMT 79 Phlebotomy	2			2
NMT 71 Nuclear Physics Laboratory	1			1
NMT 81 Orientation to Nuclear Medicine	3			3
NMT 82 Radio-Pharmaceutical Chemistry	3			3
NMT 83 Radiation Physics & Dosimetry	3			3
NMT 84 Radiation Biology	2			2
NMT 85 Nuclear Medicine Procedures	2			2
NMT 86 Didactic Nuclear Medicine	1			1
NMT 87 Clinical Nuclear Medicine I	3			3
NMT 90 Clinical Nuclear Medicine II	3			3
NMT 88 Senior NMT Seminar	3			3
SUBTOTAL				28
TOTAL			63	

D. SENIOR COLLEGE UPPER DIVISION COURSES REMAINING FOR BACCALAUREATE DEGREE

B.S. Radiological Science	<i>Credits</i>
<p style="text-align: center;"><u>General Education</u></p> PSY 1101 Introduction to Psychology PSY 3405 Health Psychology ECON I 101 Macroeconomics MAT 1272 Statistics LIT Literature Elective LIB 1201 Research & Documentation for the Information Age	18
<p style="text-align: center;"><u>Radiological Science Coursework</u></p> PHYS 2603 Medical Imaging Physics RAD 3332 Advanced Patient Assessment/Pharmacology RAD 3334 Advanced Sectional Anatomy RAD 3336 Pathophysiology for Medical Imaging RAD 3338 Advanced Medical Imaging I RAD 3340 Advanced Medical Imaging II RAD 3342 Medical Informatics HISA.IS RAD 3344 Leadership Roles in Medical Imaging	22
<p style="text-align: center;"><u>Arts and Sciences Elective</u></p> Students are encouraged to see an advisor to ensure that Liberal Arts credits required for the baccalaureate degree are in accordance with New York State Education Department requirements.	12
<p style="text-align: center;"><u>Free Electives</u></p> Students are encouraged to see an advisor to ensure that Liberal Arts credits required for the baccalaureate degree are in accordance with New York State Education Department requirements.	8
TOTAL	60