

NUCLEAR MEDICINE TECHNOLOGY

A.A.S. Degree*

SIX-SEMESTER ACADEMIC PLAN

¹ Students with English Proficiency Index (EPI) of 0-49 enroll in corequisite course ENG 100. Students with EPI of 50-64 enroll in corequisite course ENG 110. Students with EPI of at least 65 (or other English proficiency qualification) enroll in ENG 111. Students with ESL need should take appropriate ESL course/s (Sequence: ESL 01 > 02 > 03 > 09) before enrolling in ENG 110.

² Students not eligible for MTH 28 or higher enroll in corequisite course MTH 28.5. However, note that students with Math Proficiency Index of 39 or lower are strongly encouraged to enroll in Math Start/CUNY Start.

³ Parts of these courses are taught at Montefiore Medical Center including NMT 78, 79. NMT 71 and 81-88 are taught sequentially, although listed concurrently. The instructional hours for NMT 81-84 generally extend from January through May, just prior to the start of clinical training. Students may not register for any NMT course without permission of the Program Director.

⁴ HIS 11 is for students who enroll in ENG 110 as a corequisite.

***Note: In order to graduate, students must meet all requirements, including, completing all required courses with appropriate grades, completing two writing intensive courses, and earning a minimum GPA of 2.0, and [applying for graduation](#).**

FALL SEMESTER - Pre-Program Acceptance

	Prerequisite/Corequisite	
<input type="checkbox"/> Required Core A: English Composition I - ENG 100 Integrated Reading and Writing OR ENG 110 Fundamentals of Writing and Rhetoric OR ENG 111 Writing and Rhetoric ¹	See footnote ¹	3
<input type="checkbox"/> Required Core B: MTH 28 College Algebra and Elementary Trigonometry OR MTH 28.5 College Algebra and Elementary Trigonometry Corequisite ²	See footnote ²	3
<input type="checkbox"/> BIO 23 Human Anatomy & Physiology I	CUNY English Proficiency; or ENG 100 or 110, if required; and CUNY Math Proficiency; or MTH 23.5 or 28.5, if required	4
<input type="checkbox"/> CHM 17 Fundamentals of General College Chemistry I	CUNY English Proficiency; or ENG 100 or 110, if required; and CUNY Math Proficiency; or MTH 23.5 or 28.5, if required	4
Subtotal:		14

SPRING SEMESTER - Pre-Program Acceptance

	Prerequisite/Corequisite	
<input type="checkbox"/> BIO 24 Human Anatomy & Physiology II	BIO 23	4
<input type="checkbox"/> PHY 24 Principles of General Physics		4
<input type="checkbox"/> LAW 45 Medical Law	Corequisite: ENG 110, if required	3
<input type="checkbox"/> Choose ONE: ART 10 Art Survey OR MUS 10 Music Survey	None	1
Subtotal:		12

SEMESTER I - NMT Program Acceptance

	Prerequisite/Corequisite	
<input type="checkbox"/> Flexible Core D: COMM 11 Fundamentals of Interpersonal Communication	Corequisite: ENG 110, if required	3
<input type="checkbox"/> BIO 22 Medical Terminology	CUNY English Proficiency; or ENG 100 or 110, if required	2
<input type="checkbox"/> NMT 78 EKG – Interpretation & Techniques ³	BIO 24 and permission of the Program Director	2
<input type="checkbox"/> NMT 79 Phlebotomy ³	BIO 24 and permission of the Program Director	2
<input type="checkbox"/> NMT 81 Orientation to Nuclear Medicine	Completion of Pre-NMT Sequence	3
Subtotal:		12

SEMESTER II - NMT Program Progression

	Prerequisite/Corequisite	
<input type="checkbox"/> NMT 82 Radio-Pharmaceutical Chemistry	BIO 23, CHM 17, NMT 81	3
<input type="checkbox"/> NMT 83 Radiation Physics and Dosimetry ³	Corequisite: NMT 81	3
<input type="checkbox"/> NMT 84 Radiation Biology	Corequisite: NMT 81	2
Subtotal:		8

SEMESTER III - Summer Session

	Prerequisite/Corequisite	
<input type="checkbox"/> NMT 85 Nuclear Medicine Procedures ³	BIO 24, NMT 83	2

SEMESTER IV - NMT Program Progression

<input type="checkbox"/> NMT 71 Nuclear Physics Laboratory	PHY 24 and permission of the Program Director; Corequisites: NMT 81-84	1
<input type="checkbox"/> NMT 86 Didactic Nuclear Medicine	NMT 84; Corequisite: NMT 85	2
<input type="checkbox"/> NMT 87 Clinical Nuclear Medicine I ³	Corequisite: NMT 84	3
Subtotal:		8

SEMESTER V - NMT Program Progression

	Prerequisite/Corequisite	
<input type="checkbox"/> NMT 88 Senior NMT Seminar	NMT 87; Corequisites: NMT 85, 86, and 90	3
<input type="checkbox"/> NMT 90 Clinical Nuclear Medicine II ³	NMT 87	3
<input type="checkbox"/> Flexible Core A: HIS 10 History of the Modern World OR HIS 11 Introduction to the Modern World ⁴	See catalog	3
Subtotal:		9

TOTAL:63