

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	
☐ 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
☐ 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
☐ 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
☐ 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	
☐ BIO 24 Human Anatomy & Physiology II		BIO 23	4
☐ PHY 24 Principles of General Physics			4
☐ LAW 45 Medical Law		Corequisite: ENG 110, if required	3
☐ Choose ONE: ART 10 Art Survey OR MUS 10 Music Survey		None	1
Subtotal:			12

SEMESTER I - NMT Program Acceptance

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

SEMESTER II - NMT Program Progression

		Prerequisite/Corequisite	
☐ NMT 82 Radio-Pharmaceutical Chemistry		BIO 23, CHM 17, NMT 81	3
☐ NMT 83 Radiation Physics and Dosimetry ³		Corequisite: NMT 81	3
☐ NMT 84 Radiation Biology		Corequisite: NMT 81	2
Subtotal:			8

SEMESTER III - Summer Session

		Prerequisite/Corequisite	
☐ NMT 85 Nuclear Medicine Procedures ³		BIO 24, NMT 83	2

SEMESTER IV - NMT Program Progression

		Prerequisite/Corequisite	
☐ NMT 71 Nuclear Physics Laboratory		PHY 24 and permission of the Program Director; Corequisites: NMT 81-84	1
☐ NMT 86 Didactic Nuclear Medicine		NMT 84; Corequisite: NMT 85	2
☐ NMT 87 Clinical Nuclear Medicine I ³		Corequisite: NMT 84	3
Subtotal:			8

SEMESTER V - NMT Program Progression

		Prerequisite/Corequisite	
☐ NMT 88 Senior NMT Seminar		NMT 87; Corequisites: NMT 85, 86, and 90	3
☐ NMT 90 Clinical Nuclear Medicine II ³		NMT 87	3
☐ Flexible Core A: HIS 10 History of the Modern World OR HIS 11 Introduction to the Modern World ⁴ OR SPN 108 Spanish for Health Professions		See catalog	3
Subtotal:			9

TOTAL:63