

## Nuclear Medicine Technology (A.A.S. Degree)

### REMEDIAL SEQUENCE (if required)

ESL 1 (8) ▶▶  ESL 2 (6) ▶▶  ESL 3 (6) ▶▶  ENG 9 (4)

ENG 1<sup>1</sup> (4) ▶▶  ENG 2<sup>1</sup> (4)

RDL 1<sup>1</sup> (4) ▶▶  RDL 2<sup>1</sup> (6)

MTH 1<sup>2</sup> (4) ▶▶  MTH 5<sup>2</sup> (6) ▶▶  MTH 6<sup>2</sup> (6)

CHM 2<sup>4</sup> (4)

### GRADUATION REQUIREMENTS

GPA ≥ 2.0  Writing Intensive 1  Writing Intensive 2

<sup>1</sup>ENG 1/ENG 2 & RDL 1/RDL 2 are no longer offered. Students with ENG/RDL developmental need will now enroll in corequisite course ENG 100 (if English Proficiency Index is 0-49), OR ENG 110 (if English Proficiency Index is 50-64).

<sup>2</sup>MTH 1/MTH 5/MTH 6 are no longer offered. STEM students who are CUNY Math Proficient, or have Math developmental need will now enroll in corequisite course MTH 28.5.

<sup>3</sup>For MTH 28 enrollment, CUNY Math Proficient STEM students will also have to meet one of the following criteria:

Mathematics high school GPA of at least 70 and successful completion of a course beyond Algebra 1, OR New York State Regents Trigonometry Score of at least 65, OR New York State Regents Common Core Algebra 2 Score of at least 65.

<sup>4</sup>CHM 2 is a pre-requisite for CHM 11 and CHM 17. You can place out of CHM 2 by taking a Chemistry Department administered Chemistry Placement Exam or by having scored 75 or higher on the NYS High School Regents Chemistry exam.

<sup>5</sup>Parts of all 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.

<sup>6</sup>For students who have also enrolled in ENG 110 as a corequisite course.

## SIX-SEMESTER ACADEMIC PLAN

### Fall Semester - Pre-Program Acceptance

		Credits
<input type="checkbox"/> ENG 100 <sup>1</sup> OR ENG 110 <sup>1</sup> OR ENG 111	English Composition I <sup>1</sup> (Required Core A)	3
<input type="checkbox"/> MTH 28 <sup>2,3</sup> OR MTH 28.5	College Algebra and Elementary Trigonometry OR Corequisite (Required Core B) <sup>2,3,4,5</sup>	3
<input type="checkbox"/> CHM 17 <sup>4</sup>	Fundamentals of General College Chemistry I (Flexible Core E)	4
<input type="checkbox"/> BIO 23	Human Anatomy & Physiology I (Required Core C)	4
<b>Subtotal:</b>		<b>14</b>

### Spring Semester - Pre-Program Acceptance

<input type="checkbox"/> BIO 24	Human Anatomy & Physiology II (Flexible Core E)	4
<input type="checkbox"/> PHY 24	Principles of General Physics (Major Requirement)	4
<input type="checkbox"/> LAW 45	Medical Law (Major Requirement)	3
<input type="checkbox"/> ART 10 or MUS 10	Art Survey OR Music Survey (Major Requirement)	1
<b>Subtotal:</b>		<b>12</b>

### Fall Semester 1 - NMT Program Acceptance

<input type="checkbox"/> NMT 78 <sup>5</sup>	EKG – Interpretation & Techniques (Major Requirement)	2
<input type="checkbox"/> NMT 79 <sup>5</sup>	Phlebotomy (Major Requirement)	2
<input type="checkbox"/> NMT 81	Orientation to Nuclear Medicine (Major Requirement)	3
<input type="checkbox"/> COMM11	Fundamentals of Interpersonal Communication (Flexible Core D)	3
<input type="checkbox"/> BIO 22	Medical Terminology (Major Requirement)	2
<b>Subtotal:</b>		<b>12</b>

### Spring Semester 1 - NMT Program Progression

<input type="checkbox"/> NMT 82	Radio-Pharmaceutical Chemistry (Major Requirement)	3
<input type="checkbox"/> NMT 83 <sup>5</sup>	Radiation Physics and Dosimetry (Major Requirement)	3
<input type="checkbox"/> NMT 84	Radiation Biology (Major Requirement)	2
<b>Subtotal:</b>		<b>8</b>
<b>Summer Session III</b>		
<input type="checkbox"/> NMT 85 <sup>5</sup>	Nuclear Medicine Procedures (Major Requirement)	2
<b>Subtotal:</b>		<b>2</b>

### Fall Semester 2 - NMT Program Progression

<input type="checkbox"/> NMT 71	Nuclear Physics Laboratory (Major Requirement)	1
<input type="checkbox"/> NMT 86	Didactic Nuclear Medicine (Major Requirement)	2
<input type="checkbox"/> NMT 87 <sup>5</sup>	Clinical Nuclear Medicine I (Major Requirement)	3
<b>Subtotal:</b>		<b>6</b>

### Spring Semester 2 - NMT Program Progression

<input type="checkbox"/> NMT 88	Senior NMT Seminar (Major Requirement)	3
<input type="checkbox"/> NMT 90 <sup>5</sup>	Clinical Nuclear Medicine II (Major Requirement)	3
<input type="checkbox"/> HIS 10 OR HIS 11 <sup>6</sup>	History of the Modern World OR Introduction to the Modern World <sup>5</sup>	3
<b>Subtotal:</b>		<b>9</b>

**TOTAL: 63**

