

Nuclear Medicine Technology A.A.S. Degree

TWO-YEAR ACADEMIC PLAN

REMEDIAL SEQUENCE (if required)

| | | | |
|---------------------------------------|---------------------------------------|---------------------------------------|------------------------------------|
| <input type="checkbox"/> ESL 1 (8) ▶▶ | <input type="checkbox"/> ESL 2 (6) ▶▶ | <input type="checkbox"/> ESL 3 (6) ▶▶ | <input type="checkbox"/> ENG 9 (4) |
| <input type="checkbox"/> ENG 1 (4) ▶▶ | <input type="checkbox"/> ENG 2 (4) | | |
| <input type="checkbox"/> RDL 1 (4) ▶▶ | <input type="checkbox"/> RDL 2 (6) | | |
| <input type="checkbox"/> MTH 1 (4) ▶▶ | <input type="checkbox"/> MTH 5 (6) ▶▶ | <input type="checkbox"/> MTH 6 (6) | |
| <input type="checkbox"/> CHM 2 (4) | | | |

GRADUATION REQUIREMENTS

| | | | |
|--|---|--------------------------------|------------------------------------|
| <input type="checkbox"/> CAT-R | <input type="checkbox"/> CAT-W | <input type="checkbox"/> CAT-M | <input type="checkbox"/> GPA ≥ 2.0 |
| <input type="checkbox"/> Writing Intensive I | <input type="checkbox"/> Writing Intensive II | | |

PATHWAYS REQUIRED CORE¹ (course list available online)

| | | |
|----------------------------|--|---|
| <input type="checkbox"/> A | English Composition ENG 110/111 | 3 |
| <input type="checkbox"/> B | Mathematical and Quantitative Reasoning MTH 30 | 4 |
| <input type="checkbox"/> C | Life and Physical Sciences BIO 23 | 4 |

PATHWAYS FLEXIBLE CORE (course list available online)

| | | |
|----------------------------|--|---|
| <input type="checkbox"/> A | World Cultures and Global Issues –IS 10/11 | 3 |
| <input type="checkbox"/> D | Individual and Society COMM 11 | 3 |
| <input type="checkbox"/> E | Scientific World BIO 24 AND CHM 17 | 8 |

Pathways Total: 27

¹ 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.

² 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.

³ Students with remedial placement above ENG 1 & RDL 1 will take HIS 11.

SEMESTER I Freshman

| | | Credits |
|--|--|-----------|
| <input type="checkbox"/> ENG 110 OR ENG 111 | Fundamentals of Composition and Rhetoric OR Composition and Rhetoric I (Required Core A) | 3 |
| <input type="checkbox"/> MTH 30 | Pre-Calculus Mathematics (Required Core B) | 4 |
| <input type="checkbox"/> CHM 17 ¹ | Fundamentals of General College Chemistry I (Flexible Core E) | 4 |
| <input type="checkbox"/> BIO 23 | Human Anatomy & Physiology I (Required Core C) | 4 |
| <input type="checkbox"/> BIO 22 | Medical Terminology (Major Requirement) | 2 |
| Subtotal: | | 17 |

SEMESTER II Freshman

| | | |
|--|---|-----------|
| <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"/> COMM11 | Fundamentals of Interpersonal Communication (Flexible Core D) | 3 |
| <input type="checkbox"/> NMT 79 ² | Phlebotomy (Major Requirement) | 2 |
| <input type="checkbox"/> NMT 81 | Orientation to Nuclear Medicine (Major Requirement) | 3 |
| Subtotal: | | 16 |

SEMESTER III Sophomore

| | | |
|--|---|-----------|
| <input type="checkbox"/> NMT 71 | Nuclear Physics Laboratory (Major Requirement) | 1 |
| <input type="checkbox"/> NMT 78 ² | EKG – Interpretation & Techniques (Major Requirement) | 2 |
| <input type="checkbox"/> NMT 82 | Radio-Pharmaceutical Chemistry (Major Requirement) | 3 |
| <input type="checkbox"/> NMT 83 ² | Radiation Physics and Dosimetry (Major Requirement) | 3 |
| <input type="checkbox"/> NMT 84 | Radiation Biology (Major Requirement) | 2 |
| <input type="checkbox"/> NMT 87 ² | Clinical Nuclear Medicine I (Major Requirement) | 3 |
| <input type="checkbox"/> ART 10 or MUS 10 | Art Survey OR Music Survey (Major Requirement) | 1 |
| Subtotal: | | 15 |

SEMESTER IV Sophomore

| | | |
|--|--|-----------|
| <input type="checkbox"/> NMT 85 ² | Nuclear Medicine Procedures (Major Requirement) | 2 |
| <input type="checkbox"/> NMT 86 | Didactic Nuclear Medicine (Major Requirement) | 1 |
| <input type="checkbox"/> NMT 88 | Senior NMT Seminar (Major Requirement) | 3 |
| <input type="checkbox"/> NMT 90 ² | Clinical Nuclear Medicine II (Major Requirement) | 3 |
| <input type="checkbox"/> HIS 10 ³ | History of the Modern World (Flexible Core A) | 3 |
| <input type="checkbox"/> LAW 45 | Medical Law (Major Requirement) | 3 |
| Subtotal: | | 15 |

TOTAL: 63