Nuclear Medicine Technology  A.A.S. Degree

**TWO-YEAR ACADEMIC PLAN**

### SEMESTER I Freshman

- **ENG 110 OR ENG 111** Fundamentals of Composition and Rhetoric OR Composition and Rhetoric I (Required Core A)  
- **MTH 30** Pre-Calculus Mathematics (Required Core B)  
- **CHM 17** Fundamentals of General College Chemistry I (Flexible Core E)  
- **BIO 23** Human Anatomy & Physiology I (Required Core C)  
- **BIO 22** Medical Terminology (Major Requirement)  

Subtotal: 17

### SEMESTER II Freshman

- **BIO 24** Human Anatomy & Physiology II (Flexible Core E)  
- **PHY 24** Principles of General Physics (Major Requirement)  
- **COMM 11** Fundamentals of Interpersonal Communication (Flexible Core D)  
- **NMT 79** Phlebotomy (Major Requirement)  
- **NMT 81** Orientation to Nuclear Medicine (Major Requirement)  

Subtotal: 16

### SEMESTER III Sophomore

- **NMT 71** Nuclear Physics Laboratory (Major Requirement)  
- **NMT 78** EKG – Interpretation & Techniques (Major Requirement)  
- **NMT 82** Radio-Pharmaceutical Chemistry (Major Requirement)  
- **NMT 83** Radiation Physics and Dosimetry (Major Requirement)  
- **NMT 84** Radiation Biology (Major Requirement)  
- **NMT 87** Clinical Nuclear Medicine I (Major Requirement)  
- **ART 10 or MUS 10** Art Survey OR Music Survey (Major Requirement)  

Subtotal: 15

### SEMESTER IV Sophomore

- **NMT 85** Nuclear Medicine Procedures (Major Requirement)  
- **NMT 86** Didactic Nuclear Medicine (Major Requirement)  
- **NMT 88** Senior NMT Seminar (Major Requirement)  
- **NMT 90** Clinical Nuclear Medicine II (Major Requirement)  
- **HIS 10** History of the Modern World (Flexible Core A)  
- **LAW 45** Medical Law (Major Requirement)  

Subtotal: 15

TOTAL: 63

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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.