

## Nuclear Medicine Technology

Queensborough Community College		Molloy University		
CUNY Core Requirements	Credits	Course Equivalency	Transfer Credits	Credits Awarded
Required Core 1A: ENGL-101 English Composition I ENGL-102 English Composition II	3 3	English Composition - ENG 1110 Molloy Molloy Languages or Literature	3 3	3 3
Required Core 1B: MA-119 College Algebra**	3	Molloy Mathematics MAT 1160 College Algebra and Trigonometry	3	3
Required Core 1C: BI-301 Anatomy & Physiology I**	4	Molloy Science: BIO 1200 Anatomy and Physiology I	4	4
Flexible Core 2A: World Cultures & Global Issues	3	Molloy Social and Behavioral Sciences	3	3
Flexible Core 2B: U.S. Experience in Diversity	3	Molloy Social and Behavioral Sciences	3	3
Flexible Core 2C: Creative Expression	3	Molloy Arts and Fine Arts	3	3
Flexible Core 2D: Individual & Society PHIL-140 Medical Ethics	3	Molloy Ethics ETH 2880 Introduction to Bioethics	3	3
Flexible Core 2E: PSYC-101 Psychology**	3	Molloy Social and Behavioral Sciences PSY1110 General Psychology	3	3
Additional Flexible Core course: BI-302 Anatomy & Physiology II**	4	BIO 1210 Anatomy and Physiology II	4	4
<b>Subtotal</b>	<b>32</b>	<b>Subtotal</b>	<b>32</b>	<b>32</b>
Major Requirements		Course Equivalency		
BI-150 Organization and Delivery of Healthcare	2	ELE/ELEC	2	2
MA-336 Statistics**	3	MAT 1150A Elementary Statistics	3	3
<b>Subtotal</b>	<b>5</b>	<b>Subtotal</b>	<b>5</b>	<b>5</b>
Complete at least 20 credits from the following groupings as indicated. Courses in <b>bold text</b> are recommended for student planning to transfer to Molloy University.				
BI-403 Medical Terminology	2	ELE ELEC	2	2
BI-520 Introduction to Public Health	4	ELE LASG	4	4
BI-550 Field Internship in Health Sciences	2	ELE ELEC	2	2
<b>CH-127 Introductory General Chemistry**</b> or CH-151 General Chemistry I	4.5	CHE 1090 Fundamentals of Chemistry CHE 1080 Fundamentals of Chemistry Lab CHE Elective	1 1 2.5	4.5
<b>CH-128 Introductory Organic Chemistry**</b> or CH-152 General Chemistry II	4.5	CHE 1120 Organic and Biological Chemistry	4 0.5	4.5
CS-100 Introduction to Computers and Programming	3	CIS 1000 Computer System Introduction	3	3
IS-151 Health of the Nation	2	ELE LASG	2	2
<b>MA-121 Elementary Trigonometry</b>	1	MAT ELEC	1	1
PH-101 Principles of Physics or <b>PH-301 College Physics I**</b>	4	PHY 1880 College Physics I PHY Elective	3 1	4
<b>PH-302 College Physics II**</b>	4	PHY 1890 College Physics II PHY Elective	3 1	4
SP-211 Speech Communication	3	COM 2100 Public Speaking	3	3
<b>Subtotal</b>	<b>20</b>	<b>Subtotal</b>	<b>20</b>	<b>20</b>
Major Requirements -- Free Electives		Course Equivalency		
Free Electives - Must be coursework in Liberal Arts and Sciences, see the catalog for subjects that quantify.	3	To be evaluated upon transfer	3	3
<b>Subtotal</b>	<b>3</b>	<b>Subtotal</b>	<b>3</b>	<b>3</b>
Additional Coursework		Course Equivalency		
Liberal Arts and Sciences Courses	2	To be evaluated upon transfer	2	2
<b>Subtotal</b>	<b>2</b>	<b>Subtotal</b>	<b>2</b>	<b>2</b>
<b>Total Credits Completed at QCC</b>	<b>62</b>	<b>Total Credits Transferred to Molloy University</b>	<b>62</b>	<b>62</b>

Notes:

1 Students who are exempt from or place out of MA-119 will use MA-336 to satisfy the Common Core in Area 1B. They will take an additional major elective course to reach 60 credits.

2 Because these courses do not qualify as Liberal Arts and Sciences, they should not be taken by students planning to transfer to Molloy University's Nuclear Medicine Technology program.

3 Some elective courses can be used to satisfy areas of the Flexible Core. In that case, those courses may not also be used to satisfy a concentration requirement.

4 Students transferring to Molloy University's Nuclear Medicine Technology program are recommended to complete 60 credits of Liberal Arts and Sciences coursework at QCC. Because BI-150 does not qualify as a Liberal Arts and Sciences course, doing so will require students to take an additional two credits beyond the 60 credits required by the degree program. Students should see the catalog for subjects that qualify. Students that do not take the additional two credits of Liberal Arts and Science courses prior to transfer will have to complete the credits at Molloy prior to starting the Nuclear Medicine Technology program.

\*\* To receive credit at Molloy University for the following courses, the student must receive a grade of C+ or higher in each one: CH-127, CH-128, BI-301, BI-302, PH-301, PH-302, MA-119, MA-336, PSYC-101, and PHIL-140.

All students must successfully complete two (2) writing-intensive classes (designated "WI") to fulfill degree requirements

## Molloy University Courses Remaining for Baccalaureate Degree

Course and Title	Credits
<b>General Education Courses</b>	
Theology/Religious Studies	3
Liberal Arts Elective (if not fulfilled at QCC)	1
<b>Subtotal</b>	<b>4</b>
<b>Major Requirements*</b>	
NMT 2990 Introduction to Fundamentals in Nuclear Medicine Technology	3
NMT 3000 Radiation Physics	3
NMT 3010 Patient Care in Nuclear Medicine Technology	3
NMT 3020 Radio-Pharmaceutical Chemistry	3
NMT 3030 Instrumentation and Computer Applications	3
NMT 3040 Radiation Protection and Biology	3
NMT 3050 Clinical Procedures I	3
NMT 3060 Clinical Procedures II	3
NMT 3070 Clinical Procedures III	3
NMT 3100 Nuclear Medicine Internship I	1
NMT 3110 Nuclear Medicine Internship II	3
NMT 3120 Nuclear Medicine Internship III	3
NMT 3150 Hematology and Immunology in Nuclear Medicine Technology	3
NMT 4030 Advanced Imaging Physics	3
NMT 4070 Nuclear Medicine/CT Cross Sectional Anatomy	3
NMT 4080 Advanced Practice/Registry Review Nuclear Medicine Technology	3
NMT 4090 Clinical Conference I and Management of Healthcare Systems	3
NMT 4120 Nuclear Medicine Internship IV	6
NMT 4140 Nuclear Medicine Internship V	6
NMT 4900 Clinical Conference II and Thesis Research	3
<b>Subtotal</b>	<b>64</b>
<b>Total</b>	<b>68*</b>

### Notes:

\*Students must take all of the related requirements for the Nuclear Medicine Technology degree at QCC, including 60 credits of Liberal Arts and Science. If they do not, they must take them at Molloy in addition to courses listed in the table.

### Summary of Credits Required

Total Credits to be earned at Queensborough Community College	62
Total Credits to be earned at Molloy University	68
Total credits required for the B.S. degree	130