

**Semester 1**

<b>Course ID</b>	<b>Course Title</b>	<b>Credits</b>	<b>Pre/Co-requisites</b>
ENC 1101	English Composition I	3	Prerequisite: Student must meet the Developmental Education reading and writing requirements in State Rule 6A-10.0315 (by course, placement score, or eligible exemption).
BSC 2085	Human Anatomy and Physiology 1	3	Pre/Corequisite: BSC 2085L
BSC 2085L	Human Anatomy and Physiology 1 Laboratory	1	Pre/Corequisite: BSC 2085
CHM 1033	Chemistry for Health Sciences	3	Prerequisite: MAT 1033*; Corequisite: CHM 1033L
CHM 1033L	Chemistry for Health Sciences Laboratory	1	Prerequisite: MAT 1033*; Corequisite: CHM 1033
MAC 1105	College Algebra	3	Prerequisite: MAT 1033* ♦Students must seek advisement for proper mathematics course from discipline chairperson.
CCT ---OR--- CGS 1060C	Computer Competency Test (CCT) ---OR--- Introduction to Computer Technology and Applications		<b>Departmental Recommendation:</b> Computer Competency Test (CCT)
<b>Semester Credits</b>		<b>13</b>	

**Semester 2**

<b>Course ID</b>	<b>Course Title</b>	<b>Credits</b>	<b>Pre/Co-requisites</b>
BSC 2086	Human Anatomy & Physiology 2	3	Prerequisite: BSC 2085; Corequisite: BSC 2086L
BSC 2086L	Human Anatomy & Physiology 2 Laboratory	1	Prerequisite: BSC 2085, BSC 2085L; Corequisite: BSC 2086
PHY 1004	Physics with Applications	3	Prerequisite: MAC 1105
Social Science	AMH 2010, AMH 2020, POS 2041	3	
<b>Semester Credits</b>		<b>10</b>	

**Semester 3**

<b>Course ID</b>	<b>Course Title</b>	<b>Credits</b>	<b>Pre/Co-requisites</b>
Elective	Electives any appropriate transferrable (Credit Type 1 or 2) courses (Check with Advisor).	3	
NMT 1002L	Introduction to Nuclear Medicine Laboratory	2	Prerequisites: CHM1033, CHM 1033L Corequisites: NMT 1312C, NMT 2613
NMT 1312C	Radiation Protection and Radiobiology	2	Corequisites: NMT 1002L, 2613
NMT 1705C	Nuclear Medicine Pre-clinical	2	Prerequisites: BSC 2085, BSC 2085L, BSC 2086, BSC 2086L, CHM 1033, CHM 1033L Corequisites: NMT 1002L, NMT 1312C, NMT 2613
NMT 2613	Nuclear Medicine Physics and Mathematical Applications	3	Prerequisites: MAC 1105, PHY 1004 Corequisites: NMT 1002L, 1312C
<b>Semester Credits</b>		<b>12</b>	

**Semester 4**

<b>Course ID</b>	<b>Course Title</b>	<b>Credits</b>	<b>Pre/Co-requisites</b>
Humanities	ARH 1000, HUM 1020, LIT 2000 MUL 1010, PHI 2010, THE2000	3	<b>Note:</b> ENC 1101 is a prerequisite to LIT 2000.
NMT 1713C	Nuclear Medicine Methodology 1	2	Corequisites: NMT 1002L; NMT 2613
NMT 2102	Nuclear Medicine Administration	1	Prerequisites: NMT 1002L; NMT 1312C; NMT 1705C; NMT 2613 Corequisites: NMT 1713C, NMT 2534C, NMT 2804C
NMT 2534C	Instrumentation, Quality Assurance and Control	2	Prerequisites: NMT 1002L; NMT 1312C; NMT 2613 and PHY 1020; Corequisites: NMT 1713C, NMT 2102, NMT 2804C
NMT 2804C	Nuclear Medicine Clinical Education 1	3	Prerequisites: NMT 1002L, NMT 1312C, NMT 1705C, NMT 2613; Corequisites: NMT 1713C; NMT 2102, NMT 2534C
<b>Semester Credits</b>		<b>11</b>	

**Semester 5**

<b>Course ID</b>	<b>Course Title</b>	<b>Credits</b>	<b>Pre/Co-requisites</b>
NMT 2130C	Nuclear Medicine Pharmacology	3	Prerequisites: NMT 1002L, NMT 1312C, NMT 1705C; NMT 2613 Corequisites: NMT 2723C, NMT 2814C
NMT 2723C	Nuclear Medicine Methodology 2	2	Prerequisites: NMT 1713C, NMT 2102, NMT 2534C, NMT 2804C; Corequisites: NMT 2130C, NMT 2814C
NMT 2814C	Nuclear Medicine Clinical Education 2	5	Prerequisites: NMT 2130, NMT 2534C, NMT 2613, NMT 2804C
	<b>Semester Credits</b>	<b>10</b>	

**Semester 6**

<b>Course ID</b>	<b>Course Title</b>	<b>Credits</b>	<b>Pre/Co-requisites</b>
NMT 2733C	Nuclear Medicine Methodology 3	2	Prerequisites: BSC 2085, BSC 2085L, BSC 2086, BSC 2086L, NMT 1713C, 2723C; Corequisites: NMT 2779C, 2824C
NMT 2779C	Multi-Modalities and Cross-Sectional Anatomy	2	Prerequisites: NMT 2130C, NMT 2723C, NMT 2814C Corequisites: NMT 2733C, 2824C
NMT 2824C	Nuclear Medicine Clinical Education 3	5	Prerequisites: NMT 2814C
	<b>Semester Credits</b>	<b>9</b>	

**Semester 7**

<b>Course ID</b>	<b>Course Title</b>	<b>Credits</b>	<b>Pre/Co-requisites</b>
NMT 2834C	Nuclear Medicine Clinical Education 4	5	
NMT 2932C	Nuclear Medicine Seminar	3	Prerequisites: NMT 2733C, NMT 2779C, NMT 2824C; Corequisite: NMT 2834C
	<b>Semester Credits</b>	<b>8</b>	
	<b>Program Total</b>	<b>75</b>	

**Academic Pathway at MDC:** The AS in Nuclear Medicine Technology is a pathway to the [BAS in Supervision and Management](#). CGS 1060C must be satisfied for completion of the Associate in Science Degree. Course satisfaction can be accomplished through examination or by successful class attendance in the course. Student must have successfully completed HSC 0003 – Introduction to Health Care (2.5 credits) and HSC 0003L – Introduction to Health Care Lab (.5 credits) prior to applying to the program. To learn more about the courses listed see [College Catalog](#).