



## Nuclear Medicine Technology

Associate in Science | Code: 23068 | 75 credits

CIP (1351090502)

**Effective Term: Fall 2024 (2247)**

The A.S. degree is designed for students who are looking for immediate entry into a career upon graduation. Most discipline courses directly relate to the identified career area. The remaining courses are comprised of general education courses. Students begin the discipline courses of the Nuclear Medicine Technology program in Fall term of each year. A total of 75 credits must be completed for this degree.

### **GENERAL EDUCATION REQUIREMENTS (15.00 Credits)**

#### **COMMUNICATIONS (3.00 credits)**

ENC 1101	English Composition 1	(3 credits)	Prerequisite: Student must meet the Developmental Education reading and writing requirements in State Rule 6A-10.0315 (by course, placement score, or eligible exemption).
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#### **HUMANITIES (3.00 credits)**

ARH 1000	Art Appreciation	(3 credits)	
HUM 1020	Humanities	(3 credits)	
LIT 2000	Introduction to Literature	(3 credits)	Prerequisite: ENC 1101
MUL 1010	Music Appreciation	(3 credits)	
PHI 2010	Introduction to Philosophy	(3 credits)	
THE 2000	Theatre Appreciation	(3 credits)	

#### **MATHEMATICS (3.00 credits)**

MAC 1105	College Algebra	(3 credits)	Prerequisite: MAT 1033*
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\*Note: Students must seek advisement for proper mathematics course from discipline chairperson.

#### **NATURAL SCIENCE (3.00 credits)**

BSC 2085	Human Anatomy and Physiology 1	(3 credits)	Corequisite: BSC 2085L
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#### **SOCIAL SCIENCE (3.00 credits)**

AMH 2010	History of the US to 1877	(3 credits)
AMH 2020	History of the US since 1877	(3 credits)
POS 2041	American Federal Government	(3 credits)

#### **COMPUTER COMPETENCY**

Test type(s) needed:

Computer Competency Test (CCT)

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CGS 1060C - Introduction to Computer Technology & Applications

#### **SCIENCE REQUIREMENTS (12.00 Credits)**

BSC 2085L	Human Anatomy and Physiology 1 Laboratory	(1 credit)	Corequisite: BSC 2085
BSC 2086	Human Anatomy & Physiology 2	(3 credits)	Prerequisite: BSC 2085; Corequisite: BSC 2086L
BSC 2086L	Human Anatomy & Physiology 2 Laboratory	(1 credit)	Prerequisite: BSC 2085, BSC 2085L; Corequisite: BSC 2086
PHY 1004	Physics with Applications	(3 credits)	Prerequisite: MAT 1033*; Corequisite: PHY 1004L
CHM 1033	Chemistry for Health Sciences	(3 credits)	Prerequisite: MAT 1033*; Corequisite: CHM 1033L

CHM 1033L	Chemistry for Health Sciences	(1 credit)	Prerequisite: MAT 1033♦; Corequisite: CHM 1033L
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♦Note: Students must seek advisement for proper mathematics course from discipline chairperson.

**ELECTIVE REQUIREMENT (3.00 credits)**

MAT 1033	Intermediate Algebra	(3 credits)	Prerequisites: MAT 0022C, or MAT 0028, or MAT 0057 or by placement score, or eligible exemption.
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**MAJOR CORE REQUIREMENTS (45.00 Credits)**

NMT 1002L	Introduction to Nuclear Medicine Lab	(2 credits)	Prerequisites: CHM1033, CHM 1033L Corequisites: NMT 1002, NMT 1312, NMT 2613
NMT 1312C	Nuclear Medicine Physics and Math Applications	(2 credits)	Corequisites: NMT 1002, NMT 1002L, NMT 2613
NMT 1705C	Introduction to Nuclear Medicine Pre-clinical	(2 credits)	Prerequisites: BSC 2085, BSC 2085L, BSC 2086, BSC 2086L, CHM 1033, CHM 1033L;
NMT 1713C	Methodology 1	(2 credits)	Corequisites: NMT 1002L, NMT 1312C, NMT 2613 Prerequisites: BSC 2085, BSC 2085L, BSC 2086, BSC 2086L, CHM 1033, CHM 1033L;
NMT 2102	Nuclear Medicine Administration	(1 credits)	Corequisites: NMT 2130, NMT 2534, NMT 2804C Prerequisites: NMT 2130, NMT 2534;
NMT 2130C	Nuclear Medicine Radiopharmacy	(3 credits)	Corequisites: NMT 2573, NMT 2723, NMT 2814C Prerequisites: NMT 1002, NMT 1002L, NMT 1312, NMT 2613;
NMT 2534C	Instrumentation, Quality Control, And Quality Assurance	(3 credits)	Corequisites: NMT 1713, NMT 2534, NMT 2804C Prerequisites: NMT 1002, NMT 1002L, NMT 1312, NMT 2613, and PHY 1004;
NMT 2613	Radiology Positioning 1 Lab	(3 credits)	Corequisites: NMT 1713, NMT 2130, NMT 2804C Prerequisites: MAC 1105, PHY 1004;
NMT 2723C	Methodology 2	(2 credits)	Corequisites: NMT 1002, NMT 1002L, NMT 1312 Prerequisites: NMT 1713, NMT 2804C;
NMT 2733C	Methodology 3	(2 credits)	Corequisites: NMT 2573, NMT 2814C Prerequisites: BSC 2085, BSC 2085L, BSC 2086, BSC 2086L, NMT 1713C, NMT 2723C;
NMT 2779C	Multi-Modalities and Cross-Sectional Anatomy	(2 credits)	Corequisites: NMT 2779C, NMT 2824C Prerequisites: NMT 2130C, NMT 2723C, NMT 2814C;
NMT 2804C	Nuclear Medicine Clinical Education 1	(3 credits)	Corequisites: NMT 2733C, NMT 2824C Prerequisites: NMT 1002, NMT 1002L, NMT 1312, NMT 1713
NMT 2814C	Nuclear Medicine Clinical Education 2	(5 credits)	Prerequisites: NMT 2130, NMT 2534, NMT 2613, NMT 2804C Prerequisite: NMT 2814C
NMT 2824C	Nuclear Medicine Clinical Education 3	(5 credits)	Prerequisites: NMT 1312, NMT 2534, NMT 2573, NMT 2613;
NMT 2834C	Nuclear Medicine Clinical Education 4	(5 credits)	Corequisite: NMT 2824C
NMT 2932C	Nuclear Medicine Seminar	(3 credits)	