

FCC Curriculum Pathway

The Nuclear Medicine AAS program prepares students as entry-level nuclear medicine technologists (NMT) in a specialized area of diagnostic imaging which includes both body structure and function. Nuclear medicine technologists perform procedures to assist physicians in the diagnosis and treatment of patients. Recently the nuclear medicine field has expanded to include molecular imaging using positron emission tomography (PET), and fusion imaging using hybrid scanners, such as PET/CT and SPECT/CT. **In order to meet the new demands within the field accepted student will dedicate three (3) semesters or 12 months to the NMT curriculum and the two (2) semesters (6 months) to the dedicated CT curriculum.** Upon completion students will earn an AAS in Nuclear Medicine Technology and a Certificate in Computed Tomography. Graduates will be qualified to take the national certification exams for nuclear medicine technology and the post primary certification in Computed Tomography. The combination of focus meets the expanding needs of nuclear medicine technology that includes dual modality imaging.

Students who require Developmental English and/or Math will need additional semesters to complete their degrees. **It is recommended all students meet with the Program Advisor prior to beginning the program.** Using the Curriculum Pathway along with the PeopleSoft Degree Plan allows students to track their progress towards graduation.

Major: Nuclear Medicine Technology A.A.S. Catalog Year: Summer 2015-Spring 2017

**Courses are dispersed evenly into three semesters to complete prerequisites for entrance into the program.*

Enrollment in the clinical portion of the Nuclear Medicine Technology Program is based on selective admission. Please see the Nuclear Medicine Technology website for further information regarding the 13 available seats.

Course Number	Course	Credit	Complete
First Year – Fall Semester*			
EN 101	English Composition (grade of "C" or better) General Education CORE	3	
MA 130	College Algebra (grade of "C" or better) General Education CORE	3	
CH 101	General Chemistry (grade of "C" or better) General Education CORE	4	
MDA 108	Medical Terminology (grade of "C" or better)	1	
	PE/Health Requirement	1/3	
	Semester Total	12/14	
First Year – Spring Semester			
BI 103	Anatomy & Physiology (prerequisites BI 55 or BI 101 or BI 120 or CH 101) (grade of "C" or better)	4	
MA 206	Elementary Statistics (grade of "C" or better)	3	
PY 101	Survey of Physics (grade of "C" or better)	3	
PS 101	General Psychology General Education CORE	3	
	Semester Total	13	
First Year- Summer Semester			
BI 104	Anatomy & Physiology (requires a grade of "C" or better)	4	
CMSP 105	Group Discussion General Education CORE	3	
	Semester Total	7	
Second Year – Fall Semester (NMT Program is a Fall cohort start date only.)			
NM 100	Physics and Radiation Safety in Nuclear Medicine Technology	5	
NM 102	Nuclear Medicine Technology	3	
NM 103	Nuclear Medicine Techniques I	4	
NM 104	Clinical Nuclear Medicine	1	
	Semester Total	13	
Second Year – Spring Semester			
NM 105	Nuclear Medicine Techniques II	3	
NM 107	Instrumentation and Computers in Nuclear Medicine Technology	4	
NM 202	Clinical Nuclear Medicine II	2	
NM 203	Radiopharmacy and Radiation Chemistry	2	
	Semester Total	11	
Second Year – Summer Semester			
NM 204	Clinical Nuclear Medicine III	4	
NM 205	Professional Development in Nuclear Medicine	2	
	Semester Total	6	
Total Credits:		62/64	

Major: Computed Tomography Certification Certificate Catalog: Summer 2015-Spring 2017

Course Number	Course	Credit	Complete
Third Year – Fall Semester (CT Certificate is a Fall cohort start date only.)			
NM 220	CT Principles & Instrumentation	3	
NM 222	Cross sectional Anatomy	3	
NM 224	CT Protocols & Applications	3	
	Minimum Semester Total Credits:	9	
Third Year – Spring Semester			
NM 226	Clinical Practicum	3	
	Minimum Semester Total Credits:	3	
Total Credits:		12	