

Cedar Crest College Nuclear Medicine Technology, (B.S.)

REQUIRED COURSES @Cedar Crest College	Credits	Offered	Semester Completed	Grade
BIOLOGY				
BIO 123 Foundations in Biology	4			
BIO 124 Principles of Cell & Molecular Biology <i>*Students with AP credit for BIO 123 and/or BIO 124 must take the BIO 123 and BIO 124 labs</i>	4			
BIO 127 Microbiology	4			
BIO 117 Anatomy & Physiology I	4			
BIO 118 Anatomy & Physiology II	4			
BIO 304 Pathophysiology	3			
HEALTH SCIENCE				
HLT 205 Women's Health	3			
HLT 207 Health Equity (Ethics LAC requirement)	3			
CHEMISTRY				
CHE 111 and 112 OR	4, 4 or			
CHE 111 and 203	4,3			
PHYSICS				
PHY 104 AND 105 College Physics I, II OR	4, 4 or			
PHY 103 Introductory Physics	4			
MATH				
MAT (Algebra or Precalculus*) (LAC) <i>*Advising recommendation if Algebra has not already been taken.</i>	3			
MAT 110 Statistics (LAC)	3			
BUSINESS				
BUA 258 Health Care Management* OR	3 or			
BUA 341 Health Care Practice Management*	3			
LIBERAL ARTS CURRICULUM (LAC) <i>(specific required courses are in bold)</i>				
Arts (6 credits)				
Humanities (6 credits)				
Social Sciences (6 credits): PSY 100 (required) and SOC 100 (recommended)	PSY 100			
Global Studies (3 credits)				
Public Speaking (THS 105)	THS 105			
Writing (WRI 100, WRI 2) (6 credits)	WRI 100			
Natural Science (7 credits of BIO/CHE courses, above)				
Mathematics & Logic (6 credits, above)				

Total credits earned at Cedar Crest College before enrolling in the clinical year must total 88 credits.

Completion of the Nuclear Medicine Technology B.S. requires successful completion of a clinical placement. Clinical year admission, timing, and course requirements are set by affiliated institutions.

Students will apply for admission to the clinical year through current agreements with Saint Joseph's University in Lancaster or University of Findlay in Ohio; students should review admission requirements and timelines with their advisor well in advance of the application. Additional requirements, such as clinical shadowing hours, etc., may be required. If applying to the University of Findlay, 4 hours of clinical shadowing and a 1 credit course in Medical Terminology (such as Cedar Crest NUT 326) are required for admission.

CLINICAL YEAR @ St. Joseph University (formerly PA College of Health Sciences and Affiliated Hospitals)		CLINICAL YEAR @ University of Findlay and Affiliated Hospitals	
FALL	Cr.	FALL or SPRING Didactic Semester (25 credits)	Cr.
[] NMT 201 Nuclear Medicine Theory I	4	[] NMED 406 Molecular Imaging Mathematics	3
[] NMT 211 Nuclear Medicine Clinical I	5	[] NMED 416 Molecular Imaging Physics	2
[] HSC 101 Methods of Patient Care	1	[] NMED 425 Molecular Imaging Radiobiology	1
[] PHI 210 Ethical & Legal Dimensions in the Health Sciences	1	[] NMED 435 Molecular Imaging Radiation Protection	2
[] HSC 100 Medical Terminology	1	[] NMED 445 Molecular Non-Imaging Procedures	3
		[] NMED 455 Molecular Imaging Procedures	5
		[] NMED 462 Radionuclide Therapies	1
		[] NMED 465 Radiochemistry and Radiopharmaceuticals	3
		[] NMED 472 Molecular Imaging Instrumentation	3
		[] NMED 475 Molecular Imaging SPECT	1
		[] NMED 477 Molecular Imaging PET	1
SPRING		SPRING or SUMMER First Clinical Semester (12 credits)	
[] NMT 202 Nuclear Medicine Theory II	6	[] NMED 485 Clinical Nuclear Medicine I	12
[] NMT 212 Nuclear Medicine Clinical II	5		
[] HSC 195 Cross-Sectional Anatomy	1		
SUMMER		SUMMER or FALL Second Clinical Semester (13 credits)	
[] NMT 203 Nuclear Medicine Theory III,	2	[] NMED 486 Clinical Nuclear Medicine II	12
[] NMT 213 Nuclear Medicine Internship,	6	[] NMED 487 Molecular Imaging Capstone	1
Total hours: 32		Total hours: 50	