

Curriculum Organization
NUCLEAR MEDICINE TECHNOLOGY

FRESHMAN YEAR

BIOL 105 Cell Biology	3	CHEM 102 College Chemistry II	4
*CHEM 101 College Chemistry I	4	HIST 195 History: The Modern Era	3
*ENGL 101 College Writing	4	Fine Arts: Introduction to Art/Music	
Health and Wellness Requirement	<u>3</u>	Theater/Dance	3
	14	*MATH 105 College Algebra	3
		PSYC 101 General Psychology	<u>3</u>
			16

SOPHOMORE YEAR

*PHYS 111 Physics I Lecture	3	PHYS 112 Physics II Lecture	3
PHYS 121 Physics I Lab	1	PHYS 122 Physics II Lab	1
*BIOL 150 Human Anatomy	3	*ENGL 310 Public Speaking	3
*COSC/BTED/IFMG 101 Computer Literacy	3	*BIOL 151 Human Physiology	4
ENGL 202 Research Writing	3	Free Elective	3
Free Elective	<u>3</u>	Free Elective	<u>1</u>
	16		15

JUNIOR YEAR

SOC 151 Principles of Sociology	3	Philosophy or Religious Studies Elective	3
MATH 217 Probability and Statistics	3	ENGL 121 Humanities Literature	3
Social Science Elective	3	Free Elective	3
Free Elective	3	Free Elective	<u>3</u>
Free Elective	<u>3</u>		12
	15		

SENIOR YEAR**

NMDT 427 Nuclear Scintigraphy	3	NMDT 434 Clinical Nuclear Medicine	<u>16</u>
NMDT 428 Radiation Physics	3		16
NMDT 429 Nuclear Medicine Instrumentation	3		
NMDT 430 Rad Biology & Rad Protection	2		
NMDT 431 In Vivo/In Vitro Non-Imaging	1		
NMDT 432 Radiopharmaceutical	3		
NMDT 433 Intro to Tomographic Imaging	<u>1</u>		
	16		

*NMI requires C or higher grades in these courses. For the most favorable review of the application, students are encouraged to have completed all of these courses before the application deadline. CCAC requires a minimum of C grades in several priority courses for admission although students are encouraged to earn A and B grades in math and science courses to be competitive for admission.

**IUP is affiliated with two accredited nuclear medicine technology programs. Students apply for admission to one of these programs for completion of the final year of study.

- The Nuclear Medicine Institute (NMI) at The University of Findlay, Ohio: In this program students spend one semester at NMI, 32 weeks in clinical training at one of NMI's approved clinical sites and a return to NMI for a final examination.
- The Nuclear Medicine Technology Department at the Community College of Allegheny County (CCAC): In this program students spend 12 months in classes at the CCAC Allegheny Campus and clinical training at various sites in the Pittsburgh area.

Required: One non-western culture course; two writing intensive courses

LBST 499 Senior Synthesis: Not required