

**Curriculum Organization**  
***NUCLEAR MEDICINE TECHNOLOGY***  
***with a Safety Sciences Minor***

**FRESHMAN YEAR**

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

**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 Micro-Based Computer Literacy	3	BIOL 151 Human Physiology	4
ENGL 202 Research Writing	3	PSYC 101 General Psychology	3
SAFE 111 Principles of Safety I – General Industry	<u>3</u>	SAFE 212 Hazard Prevention Management I	<u>3</u>
	<b>16</b>		<b>17</b>

**JUNIOR YEAR**

SOC 151 Principles of Sociology	3	Philosophy or Religious Studies Elective	3
Free Elective (Writing Intensive)	3	ENGL 121 Humanities Literature	3
Social Science Elective (Non-western Culture)	3	SAFE 220 Hazardous Materials	3
SAFE 211 Principles of Safety II – Construction Industry	4	Free Elective (Writing Intensive)	3
SAFE 410 Environmental Safety and Health Regulations	<u>3</u>	MATH 217 Probability and Statistics	<u>3</u>
	<b>16</b>		<b>15</b>

**SENIOR YEAR**

NMDT 427 Nuclear Scintigraphy	3	NMDT 434 Clinical Nuclear Medicine	<u>16</u>
NMDT 428 Radiation Physics	3		<b>16</b>
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>		
	<b>16</b>		

This curriculum organization includes all course requirements for the nuclear medicine technology major and a safety sciences minor. This minor may improve job opportunities for graduates either upon entry into the career or at some point when the graduate is interested in exploring career or advancement options. SAFE 101, 111 and 220 are required courses. The remaining SAFE courses are recommended by the Safety Sciences department chairperson. Students interested in pursuing the minor are encouraged to meet with the Safety Sciences department chairperson to confirm a plan of study.

**Required:** One non-western culture course which may be completed as the Social Science elective

**Required:** Two courses designated as writing intensive which may be completed as free electives

**Refer to the Student Information Handbook for Nuclear Medicine Technology for important information about special academic requirements and the application process to the affiliating nuclear medicine technology programs.**