

## Nuclear Medicine Degree Plan

First Year	Fall Semester	Credit Hours
Term 1	BIOL 1140 - Biology for Health Sciences	3
Term 1	BIOL 1140L - Biology for Health Sciences Lab	1
Term 1	ENGL 1110, 1110X&1110Y, OR 1110Z	3
Term 1	Prerequisite math for MATH 1240 - Pre-Calculus (if needed)	3
Term 1	Area 4: Social and Behavioral Science (Suggestions: PH 101, PH 102, or PSYC 1110)	3
Term 1	Area 5-A: Humanities	3
	<b>Subtotal</b>	<b>16</b>
	Spring Semester	Credit Hours
Term 2	CHEM 1215 - General Chemistry I STEM Majors	3
Term 2	CHEM 1215L - General Chemistry I Laboratory	1
Term 2	ENGL 1120 - Composition II	3
Term 2	MATH 1240 - Pre-Calculus	3
Term 2	Area 5-B: Second Language	3
Term 2	Area 6: Creative and Fine Arts: Arts and Design	3
	<b>Subtotal</b>	<b>13</b>

During your second year, prepare to apply to the program.  
 Speak to the Program Director or the Radiologic Sciences  
 Student Success Specialist in the fall semester.

Applications for the program are due the first Friday in April, the  
 spring semester before you wish to begin the program.

Second Year	Fall Semester	Credit Hours
Term 3	BIOL 2210 - Human Anatomy and Physiology I	3
Term 3	BIOL 2210L - Human Anatomy and Physiology I Lab	1
Term 3	MATH 1350 - Introduction to Statistics	3
Term 3	PHYS 1230 - Algebra-Based Physics I	3
Term 3	Area 1: Communication	3
Term 3	Critical Analyses of U.S. and Global Cultures	3
	<b>Subtotal</b>	16
	Spring Semester	Credit Hours
Term 4	BIOL 2225 - Human Anatomy and Physiology II	3
Term 4	BIOL 2225L - Human Anatomy and Physiology II Lab	1
Term 4	BIOL 2305 - Microbiology for Health Sciences	4
Term 4	Area 7: Flexible Choice (If needed)	3
Term 4	Area 7: Flexible Choice (If needed)	3
	<b>Subtotal</b>	14

Placement into the program is competitive.  
 All applicants should have at least a 3.0 GPA.  
 Interviews for the program are in late April/early May.  
 If accepted into the program, students will complete a two-year curriculum of RADS courses and NUCM courses, as listed in years three and four in this outline.

Third Year	If accepted - Fall Semester	Credit Hours
Term 5	NUCM 315 - Radiation Safety	2
Term 5	NUCM 360 - Imaging Instrumentation I	3
Term 5	RADS 378 - Healthcare Delivery & Compliance	3
Term 5	RADS 406 - Community Engagement & Service Learning	3
Term 5	RADS 480 - Human Cross Sectional Anatomy	3
	<b>Subtotal</b>	14
	Spring Semester	Credit Hours
Term 6	NUCM 396 - Essentials of Nuclear Med Imaging I	3
Term 6	RADS 398 - Topics in Healthcare Ethics and Diversity	3
Term 6	RADS 405 - Intro to Research & Medical Imaging	3
Term 6	RADS 410 - Physics of Computed Tomography	3
Term 6	RADS 481 - Medical Imaging Pathology	3
	<b>Subtotal</b>	15

	Summer Semester	Credit
Term 7	RADS 330 - Patient Care	2
Term 7	RADS 331 - Patient Care Lab	1
Term 7	RADS 381 - Medical Language Systems Review	1
	<b>Subtotal</b>	4
Fourth	Fall Semester	Credit
Term 8	NUCM 320 - Clinical Nuclear Technology I	4
Term 8	NUCM 354 - Clinical Radiopharmacy	3
Term 8	NUCM 375 - Nuclear Physics & Instrumentation	3
Term 8	NUCM 415 - Essentials of Nuclear Med Imaging II	3
	<b>Subtotal</b>	13
	Spring Semester	Credit
Term 9	NUCM 365 - Clinical Nuclear Technology II	4
Term 9	NUCM 385 - Imaging Instrumentation II	3
Term 9	NUCM 392 - Pathology Seminar	4
Term 9	NUCM 412 - Nuclear Radiation Biology	2
	<b>Subtotal</b>	13
	Summer Semester	Credit
Term 10	NUCM 400 - Clinical Nuclear Technology III	3
	<b>Subtotal</b>	3
	<b>Program Total</b>	121