

Department of Radiation Sciences
Nuclear Medicine Technology Entry Level

Prerequisites (or VCU equivalent)

MATH 141 College Algebra	3 cr	***PHYS/Z 101	Foundations of Physics (+lab)	4 cr
*BIOL 205 Human Anatomy (+lab)	4 cr	PSYC 101	Intro to Psychology	3 cr
**UNIV 111, UNIV 112 Focused Inquiry I and II	6 cr	Humanities elective		3 cr
*PHIS/Z 206 Human Physiology (+lab)	4 cr			

* At VCU, this sequence requires 4 credits of biology with "C" or better as prerequisite

** Students from outside of VCU must complete 2 semesters (6 cr) of freshman composition

Sophomore year, fall semester		Credits
CLRS 203	Pathophysiology I	3
CLRS 205	Exploring Radiation Sciences	1
CLRS 208	Foundations of Patient Care*	4
HCMG 300	Health Care Organizations and Services	3
CHEM and CHEZ 101	General Chemistry and Laboratory I	4
HPEX 250	Medical Terminology	1
Semester Total		16
Sophomore year, spring semester		
CHEM and CHEZ 102	General Chemistry and Laboratory II	4
CLRS 204	Pathophysiology II	3
CLRS 232	Radiation Safety*	2
STAT 210	Basic Practice of Statistics	3
UNIV 200	Inquiry and the Craft of Argument	3
Semester Total		15
Summer I		
CLRS 303	Orientation to Nuclear Medicine*	2
Semester Total		2
Junior year, fall semester		
CLRS 206	Cross-sectional Anatomy	2
CLRS 317	Nuclear Medicine Procedures I*	3
CLRS and CLRZ 321	NM Physics and Instrumentation I and Laboratory*	3
CLRS 341	Radiation Physics*	2
CLRS 390	Research Methods in the Radiation Sciences	2
CLRS 393	Clinical Education I*	2
Semester Total		14
Junior year, spring semester		
CLRS 318	Nuclear Medicine Procedures II*	2
CLRS and CLRZ 322	NM Physics and Instrumentation II and Laboratory*	4
CLRS 394	Clinical Education II*	2
CLRS 398	Introduction to Research	1
Elective		5
Semester Total		14
Summer II		
CLRS 319	Nuclear Medicine Procedures III*	3
CLRS 395	Clinical Education III*	3
Semester Total		6
Senior year, fall semester		
CLRS 408	Introduction to Computed Tomography (CT)	2
CLRS 417	Nuclear Medicine Procedures IV*	3
CLRS 461	Radiopharmaceutical: Prep and Quality Control*	2
CLRZ 461	Radiopharmaceutical Laboratory	1
CLRS 493	Clinical Education IV*	3
CLRS 498	Senior Project	2
Semester Total		13
Senior year, spring semester		
CLRS 407	Intro to PET/CT	2
CLRS 430	Radiobiology	2
CLRS 453	Quality Management in Nuclear Medicine*	2
CLRS 488	Senior Seminar	3
CLRS 494	Clinical Education V*	3
Electives		1
Semester Total		13

*C is the lowest passing grade