

Clinical Radiation Sciences

Program in Nuclear Medicine Technology

Office of Undergraduate Admissions • MCV Campus • P.O. Box 980632 • Richmond, Virginia 23298-0632

Prerequisite courses (or VCU equivalent)	credits	Prerequisite courses (or VCU equivalent)	credits		
BIOL 205	Basic Human Anatomy (+ lab)*	4	PSYC 101	Introduction to Psychology	3
MATH 141	Algebra with Applications	3	UNIV 111, 112	Focused Inquiry I and II**	6
PHIS 206	Human Physiology (+ lab)*	4		Humanities/fine arts elective (from VCU Core list)	3
PHYS 101	Foundations of Physics (+ lab)	4			

* At VCU this sequence requires four credits of biology with a C or better as a prerequisite.

** Students outside of VCU must complete two semesters (six credits) of freshman composition.

Sophomore year

Fall		Spring			
CLRS 203	Pathophysiology I	3	CLRS 204	Pathophysiology II	3
CLRS 205	Exploring Radiation Sciences	1	CLRS 232	Radiation Safety‡	2
CLRS 208	Foundations of Patient Care‡	4	CHEM 102	Chemistry (+ lab)	4
CHEM 101	Chemistry (+ lab)	4	STAT 210	Basic Practice of Statistics	3
HCMG 300	Health Care Organization and Services	3	PHIL 213	Ethics and Health Care	3
HPEX 250	Medical Terminology	1			15
		16			
Summer					
CLRS 305	Orientation to Nuclear Medicine‡	2			
		2			

Junior year

Fall		Spring			
CLRS 206	Cross-sectional Anatomy	2	CLRS 318	Nuclear Medicine Procedures II‡	2
CLRS 317	Nuclear Medicine Procedures I‡	3	CLRS 322	Nuclear Medicine Instrumentation and Computer Techniques II‡	2
CLRS 321	Nuclear Medicine Instrumentation and Computer Techniques I‡	2	CLRS 344	Physics for Nuclear Medicine‡	3
CLRZ 328L	Nuclear Medicine Instrumentation and Image Processing Laboratory‡	1	CLRS 394	Clinical Education II‡	4
CLRS 341	Radiation Physics	2	CLRS 398	Introduction to Research	1
CLRS 390	Research Methods in the Radiation Sciences	2		Restricted electives	4
CLRS 393	Clinical Education I‡	4			16
		16			
Summer					
CLRS 319	Nuclear Medicine Procedures III‡	3			
CLRS 395	Clinical Education III‡	5			
		8			

Senior year

Fall		Spring			
CLRS 417	Nuclear Medicine Procedures IV‡	3	CLRS 430	Radiobiology‡	2
CLRS 461	Radiopharmaceutical: Preparation and Quality Control‡	2	CLRS 453	Quality Management in Nuclear Medicine‡	3
CLRS 493	Clinical Education IV‡	5	CLRS 488	Senior Seminar	3
CLRS 498	Senior Project	2	CLRS 494	Clinical Education V‡	5
	Electives	3		Electives	3
		15			16

Total credits: 131

‡ C is lowest passing grade.

