

VCU Department of Radiation Sciences

Program in Nuclear Medicine Technology

Prerequisites (or VCU equivalent)

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

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

*** Outside of VCU, complete Physics sequences (if multi-semester) must be completed

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

Sophomore Year

Fall

HPEX 250 Medical Terminology	1
CLRS 203 Pathophysiology I	3
CLRS 205 Exploring Radiation Sciences	1
*CLRS 208 Foundations of Patient Care	3
CHEM 101 Chemistry (+ lab)	4
HCMG 300 Healthcare Organizations/Svc	3
	15

Spring

CLRS 204 Pathophysiology II	3
*CLRS 232 Radiation Safety	2
CHEM 102 Chemistry (+ lab)	4
ENGL 200 Writing/Rhetoric II	3
STAT 210 Basic Practice Statistics	3
	15

Summer

*CLRS 303 Orient. to Nuclear Medicine	2
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Junior Year

Fall

CLRS 206 Cross Sectional Anatomy	2
*CLRS 317 NM Procedures I	3
*CLRS 321 NM Instrument. /Comp. I	2
*CLRS 328 NM Instrument. /Comp. Proc. Lab	1
CLRS 341 Radiation Physics	2
CLRS 390 Research Methods in RS	2
*CLRS 393 Clinic I	4
	16

Spring

*CLRS 318 NM Procedures II	2
*CLRS 322 NM Instrument. /Comp. II	2
*CLRS 344 Physics – Nuclear Medicine	3
*CLRS 394 Clinic II	4
CLRS 398 Introduction to Research	1
Restricted Elective	3
Elective	1
	16

Summer

*CLRS 319 NM Procedures III	3
*CLRS 395 Clinic III	5
	8

Senior Year

Fall

*CLRS 417 NM Procedures IV	3
*CLRS 461 Radiopharmaceutical: Prep & QC	2
*CLRS 493 Clinic IV	5
CLRS 498 Senior Project	2
Electives	3
	15

Spring

*CLRS 430 Radiobiology	2
*CLRS 453 Quality Management: Nuc.Med.	3
CLRS 488 Senior Seminar	3
*CLRS 494 Clinic V	5
PHIL 213 Ethics and Health Care	3
	16

Total Credits: 130

*C is lowest passing grade

Elective credits must include a minimum of 1 credit in Visual/Performance Arts

June 07