

# BACHELOR OF SCIENCE IN RADIATION SCIENCES

## DIAGNOSTIC MEDICAL SONOGRAPHY CARDIAC AND VASCULAR CURRICULUM

Students accepted into this program will register for the following courses.

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Year/Semester	Course Name	Course #	S.H.
SOPHOMORE	Pathology for Radiation Sciences	RSP:2110:0001	2
FALL	Patient Care for Radiation Sciences	RSP:2120:0001	3
	Vascular Anatomy (online)	RSCI:4110:0EXW	3
	Foundations of Sonography	RSMS:3110:0001	3
	Foundations of Sonography Lab	RSMS:3111:0001	1
	DMS Clinical Internship I	RSMS:3115:0001/2	1
	SubTotal		
SPRING	Medical Ethics & Law (online)	RSP:3210:0EXW	2
	Sectional Anatomy for Imaging Sciences (online)	RSCT:4100:0EXW	3
	Electrocardiogram & Hemodynamics (online)	RSCI:4130:0EXW	3
	Sonography Principles, Physics and Instrumentation	RSMS:3230:0001	4
	Sonography Principles, Physics and Instrumentation Lab	RSMS:3231:0001	1
	SubTotal		
Total Sophomore			26 SH
JUNIOR	Cardiac Sonography I	RSMS:3100:0001	3
FALL	Cardiac Sonography I Lab	RSMS:3101:0001/2	2
	Cardiac Physiology & Hemodynamics	RSMS:3150:0001	3
	Vascular Sonography I	RSMS:3140:0001	3
	Vascular Sonography I Lab	RSMS:3141:0004/5	1
	SubTotal		
SPRING	Cardiac Sonography II	RSMS:3205:0001	3
	Cardiac Sonography II Lab	RSMS:3206:0001/2	1
	Vascular Sonography II	RSMS:3270:0001	3
	DMS Clinical Internship II	RSMS:3215:0001	3
	*Pediatric Cardiac Sonography (online elective)	*RSMS:3305:0EXW	*3
	*Pediatric Cardiac Sonography Lab (elective)	*RSMS:3306:0001	*1
SubTotal			10-14 SH
SUMMER	Vascular Sonography II Lab	RSMS:3376:0004/5	1
	DMS Clinical Internship III	RSMS:3315:0003	3
SubTotal			4 SH
Total Junior			26-30 SH
SENIOR	Advanced Sonography	RSMS:4110:0001	3
FALL	Advanced Sonography Lab	RSMS:4111:0001/2	1
	Advanced Cardiac Sonography	RSMS:4120:0001	3
	Advanced Cardiac Sonography Lab	RSMS:4121:0001/2	1
	Research Methodologies for Radiation Sciences	RSP:4110:0001	3
	DMS Clinical Internship IV	RSMS:4115:0001	5
	SubTotal		
SPRING	Radiation Sciences QM & Health Care Admin (online)	RSP:3220:0EXW	2
	Multidisciplinary Capstone Seminar	RSMS:4220:0001	3
	Emotional Intelligence for Health Care Professionals	RSRT:3220:0001	2
	DMS Clinical Internship V	RSMS:4215:0001	5
	*Fetal Cardiac Sonography (online elective)	*RSMS:4210:0EXW	*3
* Electives may be needed to reach 120sh			SubTotal 12-15 SH
			Total Senior 28-31 SH
TOTAL SEM HRS	DMS/CardVasc = 80sh; 87sh with all electives; need 40sh completed on admit		120
RESIDENCY	Final consecutive 30sh in COM	One option must be met.	
	45 of the final 60sh in COM		
	At least 90sh in COM		
GPA	Minumum overall of 2.00		
	Minumum UI of 2.00		
GRADUATION	Fill out degree application on MyUI for final semester, by the deadline.		

For advising only. See MyUI Degree Audit. Questions: contact Degree Services, 319-335-0228

6/26/2025