

**DEPARTMENT OF MEDICAL IMAGING & RADIATION SCIENCES
RADIOGRAPHY CURRICULUM**

Curriculum Sequence
2023-2025

THIRD YEAR

First Semester - Summer

AHS 3415	Clinical Anatomy	5
MIRS 3111	Medical/Professional Orientation	<u>1</u>
		6

Second Semester - Fall

AHS 3451	Medical Ethics and Law	1
AHS 4433	Pathology	3
MIRS 3133	Radiographic Imaging I	3
MIRS 3152	Patient Care and Management	2
MIRS 3193	Radiologic Physics & Radiation Protection	3
MIRS 3460	Clinical Radiography	<u>2</u>
		14

Winter Intercession

Core V Gen Ed Prerequisite (if needed) option1 **(3)**

Third Semester - Spring

AHS 4571	Intro to Research Methods in Allied Health	1
MIRS 3172	Image Processing & Quality	2
MIRS 3232	Radiographic Imaging II	2
MIRS 3233	Radiographic Principles/Exposure & Instrumentation	3
MIRS 3213	Radiographic Image Critique I	3
MIRS 3460	Clinical Radiography	3
MIRS 4332	Radiobiology	<u>2</u>
		16

Spring Intercession

Core V Gen Ed Prerequisite (if needed) option 2 **(3)**

FOURTH YEAR

Forth Semester – Summer

MIRS 4231	Fundamentals of Radiographic Physics	1
MIRS 4193	Advanced Radiographic Imaging & Critique	3
MIRS 4460	Advanced Clinical Radiography & Capstone	<u>2</u>
		6

Fifth Semester – Fall

MIRS 4173	Principles of Computed Tomography	3
MIRS 4143	Principles of Magnetic Resonance Imaging (<i>Selective</i>)	3*
MIRS 4213	Principles of Vascular Imaging (<i>Selective</i>)	3*
MIRS 4272	Correlative Imaging	2
MIRS 4460	Advanced Clinical Radiography & Capstone	4
MIRS 4232	Advanced Radiographic Physics	<u>2</u>
		14 (17)

Sixth Semester - Spring

AHS 4452	Healthcare Management & Law	2
MIRS 4192	Integration of Radiography Concepts	2
MIRS 4222	PACS Administration (<i>Selective</i>)	2*
MIRS 4212	Principles of Mammography (<i>Selective</i>)	2*
MIRS 4460	Advanced Clinical Radiography & Capstone	3
MIRS 4460	Advanced Clinical Radiography & Capstone	1
MIRS 4152	Sectional Anatomy & Pathology	<u>2</u>
		12 (14)

*Students are required to take **at least 2 Selectives**; one from senior fall semester and one from senior spring semesters.

Revised 7/07, 7/07, 8/08, 2/09, 7/10, 11/10, 10/11, 2/13, 7/15, 5/16, 3/19, 6/21, 5/22, 5/23