

St. Mary's School of Medical Imaging Program



AAS in Radiologic Technology

The St. Mary's School of Medical Imaging (SOMI) program is a hospital-based program, partnered with Mountwest to offer an Associates of Applied Science in Medical Imaging. The program curriculum is designed to prepare students to practice Diagnostic Radiography.

The Radiography curriculum consists of Year 1 (pre-requisite courses), Year 2, Year 3. The program can be completed in three years.

All pre-requisite courses must be completed according to the MU/MW/SOMI published curriculum before entering the MI curriculum at St. Mary's School of Medical Imaging (SOMI). Applicants may apply to the program while enrolled in a pre-requisite course. Offers of admission will be contingent upon completing the course with a grade of C or better prior to the start of the St. Mary's School of Medical Imaging (SOMI) coursework. A letter grade of C or better must be obtained in each of the following Marshall University (MU) and/or Mountwest (MW) courses designated with an asterisk* (or equivalent courses from other institutions transferable to Marshall University (MU)).

Pre-Requisite Courses

Incoming <u>Marshall (MU)</u> Students		Incoming <u>Mountwest (MW)</u> Students	
Code	Course Name	Code	Course Name
BSC 227	Human Anatomy*	BIOL 260	Human Anatomy with Built in Lab *
BSC 227 L	Human Anatomy Lab*		
CLS 105	Medical-Lab Terminology (CT)	AH 151	Medical Terminology
MTH 121	Concepts and Applications (CT)	MAT 120	Applied Professional Math
ENG 101 or ENG 201 or CMM 103	Beginning Composition Advanced Composition Fund Speech-Communication	COM 112 or COM 125	Oral Communication Interpersonal Communication
BSC 228	Human Physiology*	BIOL 265	Human Physiology with Built in Lab *
BSC 228 L	Human Physiology Lab*		
PHY 101	Conceptual Physics*	SCI 110	Introductory Physics with Built in Lab*
PHY 101 L	Conceptual Physics Lab*		

Applicants who did not attend Marshall University (MU) and/or Mountwest (MW) should verify with Mountwest that all course work will be transferable as equivalent to Mountwest. Course work transferred as "unclassified" will not be acceptable as a pre-requisite course.

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Radiography Course Curriculum Plan

Radiography Course Curriculum Plan

Year 2	Fall Semester				Spring Semester			
	Code	Course Name	Hours	Grade	Code	Course Name	Hours	Grade
	XRAY 102	Patient Care Img Science	3	_____	XRAY 108	Pharmacology for Imaging Sci	2	_____
	XRAY 101	Intro to Radiography	3	_____	XRAY 109	Intro to Imaging Equip	3	_____
	XRAY 104	Radiographic Anatomy	3	_____	XRAY 204	Radiographic Pathology	3	_____
	XRAY 105	Imaging Procedures I	4	_____	XRAY 107	Imaging Procedures II	4	_____
	XRAY 106	Clinical Practice I	4	_____	XRAY 110	Clinical Practice II	4	_____
	XRAY 111	Seminar Imaging Science	1	_____	XRAY 112	Seminar Imaging Sciences II	1	_____
	Total Hours		18		Total Hours		17	

Year 3	Fall Semester				Spring Semester			
	Code	Course Name	Hours	Grade	Code	Course Name	Hours	Grade
	XRAY 202	Princ of Radiation Physics	3	_____	XRAY 222	Radiation Safety	3	_____
	XRAY 207	Radiobiology	3	_____	XRAY 208	Rad Image Analysis	2	_____
	XRAY 203	Image Acquisition I	3	_____	XRAY 209	Image Acquisition II	3	_____
	XRAY 205	Clinical Practice IV	4	_____	XRAY 210	Clinical Practice V	4	_____
	XRAY 206	Seminar Imaging Science III	1	_____	XRAY 211	Seminar Imaging Sciences IV	1	_____
	XRAY 221	Imaging Procedures III	4	_____	XRAY 235	Registry Review	1	_____
	Total Hours		18		Total Hours		13	

Contact Information: For further questions or more information, please contact the St. Mary's School of Medical Imaging (SOMI) Program Director, Deborah Moore, by phone at (304) 526-1259 or by email at Deborah.Moore@st-marys.org. SOMI Program Coordinator/ Clinical Coordinator, Derry Osborne, by phone at (304) 526-8224 or by email at Derry.osborne@st-marys.org.

