

**Associate in Applied Science in Radiography and
Bachelor of Science in Radiologic Sciences**

Morehead State University/Kentucky Community and Technical College System

Associate in Applied Science (AAS) & Full General Education Certification				MSU Pre-Radiologic Sciences Program	
Hrs	Grade	Semester			Equivalents
GENERAL EDUCATION in AAS					
WRITING/ACCESSING INFORMATION					
ENG 101	3				ENG 100
ORAL COMMUNICATION					
COM 252 or COM 181	3				SPCH 108
HUMANITIES					
One course in Humanities/Heritage/Foreign Language	3				General Education
SOCIAL INTERACTION					
PY 110 or PSY 100	3 (4)				PSY 154
SCIENCE					
BSL 110	4				BIOL 231
BSL 111	4				BIOL 232
MATHEMATICS					
MA 109 or MT 109	3				MATH 152
TOTAL	23 -24				
ADDITIONAL GENERAL EDUCATION REQUIREMENTS for FULL CERTIFICATION					
WRITING/ACCESSING INFORMATION					
ENG 102	3				ENG 200
HUMANITIES					
One course in Humanities and one course in Heritage	6				General Education
HUMANITIES or SOCIAL INTERACTION	3				General Education
SOCIAL INTERACTION					
PSY 223	3				General Education
One course other than Psychology and different from those in the Humanities category	3				General Education
SCIENCE					
PHY 152 or PH 171	3 (4)				General Education
COMPUTER LITERACY					
CIS 100 or CS 101	3				CIS 101
TOTAL	24 - 25				
TECHNICAL COURSES					
RADIOGRAPHY					
RADI 100	8				
RADI 101	1				
RADI 110	7				
RADI 111	2				
RADI 201	2				
RADI 210	4				
RADI 211	4				
RADI 220	3				
RADI 221	4				
MEDICAL TERMINOLOGY					
AHS 115 or CLA 131	3				NAHS 202
TOTAL	38				
Completion of the Radiography courses will transfer as a block credit in MSU's Radiography Program.					
SUMMARY OF KCTCS COURSES LEADING TO B.S. DEGREE					
KCTCS General Education – Radiography program	23 - 24				
KCTCS General Education – Full Certification	24 - 25				
KCTCS Technical (Radiography/Medical Terminology) Courses	38				
KCTCS Hours	85 - 87				

Note: Some courses may require pre-requisites ☐

**Morehead State University/Kentucky Community and Technical College System
Bachelor of Science in Imaging Sciences - Upper Division Curriculum**

This program is for registered radiographers who are graduates of an accredited Radiologic Technology Program to pursue a Bachelor of Science in Imaging Sciences. The post-registry student will be able to transfer as a block credits received from a JRCERT (Joint Review Committee on Education in Radiologic Technology) accredited program. Students must meet the admission requirements for entrance into the program and all application materials must be submitted by the first Monday in April of each year to the Department of Imaging Sciences at Morehead State University.

Morehead State University Courses	Hrs.	Grade	Semester
Computed Tomography Curriculum Sequence			
Summer II			
CTMR 405: CT/MR Sectional Anatomy	4		
CTMR 413: Advanced Patient Care	2		
Fall Semester			
CTMR 403: Computed Tomographic Physics & Instrumentation	3		
CTMR 443: Imaging Procedures in CT	4		
CTMR 467: Computed Tomography Practicum I	5		
CTMR 483: Seminar in CT	2		
Spring Semester (Students must pass the ARRT examination in Radiography to progress into Spring Semester)			
CTMR 451: MR Physical Principles of Image Formation	4		
CTMR 455: Imaging Procedures in Magnetic Resonance	3		
CTMR 461: Magnetic Resonance Practicum I	5		
CTMR 487: Seminar in Magnetic Resonance	2		
RSCI 499C: Senior Seminar in Radiologic Sciences	3		
Summer I			
CTMR 477: Advanced Practicum I	4		
Summer II			
CTMR 485: Advanced Practicum II	4		
Total Computed Tomography Hours	45		
Total MSU Hours	45		
Sonography Curriculum Sequence			
Summer II			
DMS 400: Introduction to Sonography	1		
DMS 402A: Scanning Techniques I	1		
DMS 408: Sonographic Sectional Anatomy	2		
Fall Semester			
DMS 410: Abdominal Sonography	2		
DMS 412A: Scanning Techniques II	1		
DMS 416A: Scanning Techniques III	1		
DMS 418: Genitourinary Sonography	2		
DMS 420 Sonographic Physics and Instrumentation I	2		
RSCI 430: Sonography Internship I	6		
Spring Semester (Students must pass the ARRT examination in Radiography to progress into Spring Semester)			
DMS 426A: Scanning Techniques IV	1		
DMS 428: Obstetrical Sonography	2		
DMS 438: Selected Topics in Sonography	2		
DMS 441: Sonographic Physics and Instrumentation II	2		
DMS 442A: Scanning Techniques V	1		
DMS 450: Sonography Internship II	6		
RSCI 499C: Senior Seminar in Radiologic Sciences	3		
Summer I			
DMS 470: Sonography Internship III	4		
Summer II			
DMS 480: Seminar in Sonography	2		
DMS 490: Sonography Internship IV	3		
Total Sonography Hours	44		
Total MSU Hours	44		
TOTAL HOURS FOR IMAGING SCIENCES PROGRAM			
KCTCS AAS degree and Additional Specified Courses	85 - 87 hours		
MSU Computed Tomography & Sonography Curriculum	45 - 44 hours		
Total Hours	130 - 132 hours		

*Students must complete a minimum of 43 semester hours of courses numbered 300 or above. See the academic program's option for the specific number needed to meet the requirement.