Roadmap: Radiologic Imaging Sciences - Computed Tomography for A.A.S. Radiologic Technology graduates - Bachelor of Radiologic and Imaging Sciences Technology

RE-BRIT-RIS-CTRT
Regional College
Catalog year: 2014-2015

This roadmap is a recommended semester-by-semester plan of study for this major. However, courses and milestones designed as critical (**!**) must be completed in the semester listed to ensure a timely graduation.

Critical	Course Subject and Title	Credit Hours	Upper Div.	Min. Grade	Major GPA	Type	Term Taken
Semester Prerequisite [66 Credits]							
Note: Students must have earned an AAS degree in Radiologic Technology (42 semester credits will be awarded). A 2.750 cumulative GPA is required for admission to this program.							
!	**Technical requirements in Radiologic Technology** [1]	**42**					
	BSCI 11010 Anatomy and Physiology I for Allied Health [2] *and* BSCI 11020 Anatomy and Physiology II for Allied Health [2] *or* BSCI 20020 Biological Structure and Function [2]	5-6				KBS	
	CHEM 10050 Fundamentals of Chemistry	3				KAD	
	HED 14020 Medical Terminology	3					
	MATH 11009 Modeling Algebra *or* MATH 11010 Algebra for Calculus	3-4				KMC	
	PSYC 11762 General Psychology	3				DD/KSS	
	US 10097 Destination Kent State: First Year Experience [3]	1					
	Kent Core Requirement	6					
Semester One [14 Credits]							
	Kent Core Requirement	3					
	Kent Core Requirement	3					
	Kent Core Requirement	3					
	General Electives (upper division) [4]	5	■				
Semester Two [12 Credits]							
	Kent Core Requirement	3					
	Kent Core Requirement	3					
	General Electives (upper division) [4]	6	■				
Semester Three [13 Credits]							
Note: Admission to Technical Study is required to enroll in RIS courses							
!	**RIS 34084 Computed Tomography and Magnetic Resonance Imaging Sectional Anatomy I**	**2**	■	**C**	■		
!	**RIS 44021 Patient Management in Computed Tomography**	**2**	■	**C**	■		
!	**RIS 44025 Computed Tomography (CT) Clinical Education I**	**3**	■	**C**	■		
!	**RIS 44030 Physical Principles of Computed Tomography I**	**2**	■	**C**	■		
!	**RIS 44047 Computed Tomography Procedures I**	**1**	■	**C**	■		
!	**RIS 44096 Individual Investigation in Medical Imaging Directed Readings**	**3**	■	**C**	■		
Semester Four [15 Credits]							
!	**RIS 34086 Computed Tomography and Magnetic Resonance Imaging Sectional Anatomy II**	**2**	■	**C**	■		
!	**RIS 44027 Computed Tomography (CT) Clinical Education II**	**3**	■	**C**	■		
!	**RIS 44033 Computed Tomography Techniques**	**1**	■	**C**	■		
!	**RIS 44048 Computed Tomography Procedures II**	**2**	■	**C**	■		
!	**RIS 44049 Physical Principles of Computed Tomography II**	**1**	■	**C**	■		
!	**RIS 44083 Pathophysiology for Medical Imaging**	**3**	■	**C**	■		
!	**RIS 44098 Research in Medical Imaging** [5]	**3**	■	**C**	■	**ELR/WIC**	

Graduation Requirements Summary

Minimum Total Hours	Minimum Upper-Division Hours	Minimum Kent Core Hours	Minimum Major GPA	Minimum Overall GPA
120	39	36	2.750	2.000

1. See requirements under the A.A.S. in radiologic technology program.

2. Students who have successfully completed ATTR/EXSC 25057/25058 Human Anatomy and Physiology I/II may use those courses in place of BSCI 20020 Biological Structure and Function or BSCI 11010/11020 Anatomy and Physiology in Allied Health I/II.

3. US 10097 is not required of transfer students with 25 credits or students age 21+ at time of admission.

4. Number of credits required depends on meeting minimum 120 credit hours and minimum 39 upper-division hours.

5. A minimum C (2.000) grade must be earned to fulfill the writing-intensive requirement.

University Requirements Summary

Type	Categories	Course(s) Satisfying Category	Remaining Requirements
KCM	**Kent Core I. Composition** Enrollment based on placement test	3 credit hours fulfilled in A.A.S. Radiologic Technology	3
KMC	**Kent Core II. Mathematics and Critical Reasoning** Enrollment based on placement test	3 credit hours fulfilled in A.A.S. Radiologic Technology	fulfilled
KHU	**Kent Core III. Humanities** Minimum one course from humanities in Arts and Sciences; may fulfill diversity requirement	visit www.kent.edu/catalog/kent-core	3
KFA	**Kent Core IV. Fine Arts** Minimum one course from the fine arts; may fulfill diversity requirement	visit www.kent.edu/catalog/kent-core	3
KFH	**Kent Core V. Humanities or Fine Arts** One additional course from either the humanities or fine arts category, may fulfill diversity requirement.	visit www.kent.edu/catalog/kent-core	3
KSS	**Kent Core VI. Social Sciences** Must be selected from two curricular areas; may fulfill diversity requirement	3 credit hours are fulfilled in A.A.S. Radiologic Technology with PSYC 11762	3
KBS	**Kent Core VII. Basic Sciences** Must include one laboratory	fulfilled in A.A.S. Radiologic Technology with BSCI 11010 and 11020; or BSCI 20020	fulfilled
KAD	**Kent Core VIII. Additional** May fulfill diversity requirement	3 credit hours are fulfilled in A.A.S. Radiologic Technology with CHEM 10050	3
DD	**Domestic Diversity Course Requirement** Either domestic or global diversity must be from Kent Core	PSYC 11762	fulfilled
DG	**Global Diversity Course Requirement** Either domestic or global diversity must be from Kent Core	visit www.kent.edu/catalog/diversity	one course
ELR	**Experiential Learning Requirement** Either course or non-course experience approved by the appropriate faculty member	RIS 44098	fulfilled
WIC	**Writing-Intensive Course Requirement** Minimum C (2.000) grade	RIS 44098	fulfilled