

Roadmap: Radiologic Imaging Sciences - Computed Tomography (with certification and ATS Radiologic Technology) -Bachelor of Radiologic and Imaging Sciences Technology

[SA-BRIT-RIS-CTHA] Regional Campuses School of Health Sciences Catalog Year: 2009-2010

Critical requirements are boldface in shaded areas

Course Subject and Title	Credit Hours	Upper Division	Min. Grade	Important Notes						
Prerequisite to Major: [32 Credit Hours]			0.100.0							
Students must have graduated from a hospital-based certificate program in radiologic technology; successfully completed the certification exam for the American Registry of Radiologic Technology; and earned the ATS degree in Radiologic Technology (32 semester credits will be awarded) Semester One: [13 Credit Hours]										
COMT 11000 Introduction to Computer Systems	3									
ENG 11011 College Writing I	3			Fulfills LER Composition						
PSYC 11762 General Psychology	3			Fulfills LER Social Sciences						
US 10097 Destination Kent State: FYE	1			Not required of transfer students with 25 credits						
General Elective (lower division)	3									
Semester Two: [12-13 Credit Hours]										
MATH 11009 Modeling Algebra (4) or MATH 11010 Algebra for Calculus (3)	3-4			Fulfills LER Mathematics and Critical Reasoning						
LER Humanities	3			Should fulfill diversity requirement; visit						
LER Social Sciences	3			www.kent.edu/catalog and search "LER" and "diversity" for course lists; LER Social Sciences						
General Elective (lower division)	3			cannot be a PSYC course						
Semester Three: [16 Credit Hours] CHEM 10031 Chemistry in Our World Laboratory or PHY 21041 Physics in Entertainment and Arts Laboratory	1			Fulfills LER Basic Sciences Laboratory; see RIS advisor before selecting course						
ENG 21011 College Writing II	3			Fulfills LER Composition						
LER Additional	3			Should fulfill divoreity requirement: visit						
LER Basic Sciences	3			Should fulfill diversity requirement; visit www.kent.edu/catalog and search "LER" and						
LER Fine Arts	3			"diversity" for course lists; CHEM 10030 is suggested for Basic Sciences						
General Elective (lower division)	3			suggested for basic ociences						
Semester Four: [15 Credit Hours]										
CHEM 10050 Fundamentals of Chemistry	3			Fulfills LER Basic Sciences						
LER Additional	3			Should fulfill diversity requirement if not						
LER Humanities or Fine Arts	3			satisfied earlier; visit www.kent.edu/catalog and						
General Electives (upper division)	6			search "LER" and "diversity" for course lists						
Semester Five: [17 Credit Hours]										
Required: minimum 2.75 GPA and admittance to the pro-	ogram to	enroll in F	RIS course	es						
RIS 34084 Computed Tomography and Magnetic Resonance Imaging Sectional Anatomy I	2	•	С							
RIS 44021 Patient Management in Computed Tomography (CT)	3	•	С							
RIS 44024 Physical Principles of Computed Tomography (CT)	3	•	С							
RIS 44025 Computed Tomography (CT) Clinical Education I	3	•	С							
RIS 44096 Individual Investigation in Medical Imaging Directed Readings	3	-	С							
General Elective (upper division)	3									



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Semester Six: [17 Credit Hours]				
RIS 34086 Computed Tomography and Magnetic Resonance Imaging Sectional Anatomy II	2	•	С	
RIS 44022 Computed Tomography (CT) Imaging Procedures	3	•	С	
RIS 44027 Computed Tomography (CT) Clinical Education II	3		C	
RIS 44083 Pathophysiology for Medical Imaging	3	-	С	
RIS 44098 Research in Medical Imaging	3		С	Fulfills writing-intensive course requirement
General Elective (upper division)	3			

Graduation Requirements Summary

Minimum	Minimum Upper-	Liberal Education	Diversity Course	Writing-Intensive	Minimum	
Total Hours	Division Hours	Requirements Hours	Global / Domestic	writing-intensive	Major GPA	Overall GPA
122	39	36	LER or General Electives	RIS 44098	2.75	2.0

Notes: A post-secondary Computed Tomography certificate is available for those not wishing to complete all of the BRIT requirements. Students should contact the radiologic technology program director at the Salem Campus for advising. Students transferring credit must meet the 30 semester hour residency rule as stated in the Undergraduate Catalog.

Liberal Education Requirements (LER)

Students must complete a minimum 36 credit hours of Liberal Education Requirements. Colleges or degree programs may specify certain courses to fulfill the requirements. Courses in the students' major field will not count toward the completion of any LER. Honors equivalents shall satisfy the LER. None of the courses on the LER list may be taken with a pass/fail grade.

Diversity Course Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic focus and one with a global focus. One course must be come from the LER and cannot be in the student's major. The second course may be taken as a second LER; or within a major or minor; or as a general elective; or, with dean's approval, by completing one semester of study in another country.

Writing-Intensive Course Requirement

Students must complete a one-course writing-intensive requirement in their major and earn minimum C (2.00) grade.

Upper-Division Requirement

In general, baccalaureate programs require the successful completion of at least 39 upper-division (numbered 30000 to 49999) credit hours of coursework. Programs in the College of Arts and Sciences require a minimum of 42 hours of upper-division coursework.