



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

Course Subject and Title	Credit Hours	Upper Div.	Min. Grade	Major GPA	Important Notes
<b>Prerequisite to Major: [66 Credit Hours]</b>					
<b>Note: 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). A 2.750 cumulative GPA is required for admission to this program.</b>					
BSCI 10001 Human Biology	3				Fulfills Kent Core Basic Sciences; see note 1
CHEM 10050 Fundamentals of Chemistry	3				Fulfills Kent Core Additional; see note 1
COMT 11000 Introduction to Computer Systems	3				See notes 1 and 2
MATH 11009 Modeling Algebra or MATH 11010 Algebra for Calculus	3-4				Fulfills Kent Core Mathematics and Critical Reasoning; see note 1
PSYC 11762 General Psychology	3				Fulfills Kent Core Social Sciences and Domestic Diversity; see note 1
US 10097 Destination Kent State: First Year Experience	1				Not required of transfer students with 25 credits; see note 1
Kent Core Requirements	18				Kent Core Additional (3 credits), Composition (6-8 credits), Humanities and Fine Arts (6 credits), Social Sciences (3 credits); see note 1
<b>Semester One: [14 Credit Hours]</b>					
Kent Core Requirement	3				See Kent Core Summary on page 2
Kent Core Requirement	3				
General Elective (lower division)	8				
<b>Semester Two: [13 Credit Hours]</b>					
Kent Core Requirement	1				
General Electives (upper division)	12	■			
<b>Semester Three: [13 Credit Hours]</b>					
<b>Note: Admission to the program is required to enroll in RIS courses.</b>					
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 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	■	
<b>Semester Four: [15 Credit Hours]</b>					
RIS 34086 Computed Tomography and Magnetic Resonance Imaging Sectional Anatomy II	2	■	C	■	
RIS 44027 Computed Tomography 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	3	■	C	■	Fulfills experiential learning and writing-intensive course requirements

**Graduation Requirements Summary**

Minimum Total Hours	Minimum Upper-Division Hours	Minimum Kent Core Hours	Global / Domestic Diversity Course	Writing-Intensive	Experiential Learning	Minimum Major GPA	Minimum Overall GPA
121	39	36	Kent Core or General Electives and PSYC 11762	RIS 44098	RIS 44098	2.750	2.000



### Kent Core Summary

Kent Core Categories	Important Notes	Remaining Credit Hours
<b>Composition (6-8 credit hours)</b> <i>ENG 11002, 11011, 21011; HONR 10197, 10297</i>	Fulfilled in A.T.S. Radiologic Technology	0
<b>Mathematics and Critical Reasoning (3-5 credit hours)</b>	Fulfilled in this major with MATH 11009 or MATH 11010	0
<b>Humanities and Fine Arts (9 credit hours)</b> <i>Minimum one course from humanities in Arts and Sciences and minimum one course from fine arts</i>	6 credit hours fulfilled in A.T.S. Radiologic Technology; may fulfill diversity requirement	3
<b>Social Sciences (6 credit hours)</b> <i>Must be selected from two curricular areas</i>	Fulfilled in the A.T.S. Radiologic Technology	0
<b>Basic Sciences (6-7 credit hours)</b> <i>Must include one laboratory</i>	3 credit hours are fulfilled in the A.T.S. Radiologic Technology	3-4
<b>Additional (6 credit hours)</b>	6 credit hours are fulfilled in the A.T.S. Radiologic Technology	0

**Note 1:** Course should have been fulfilled in the ATS degree in Radiologic Technology.

**Note 2:** CS 10001 Computer Literacy or MIS 24053 Computer Applications may also fulfill this requirement.

#### Kent Core

Students must complete a minimum 36 credit hours of the Kent Core. Certain courses required in programs and in student's major field may also fulfill the Kent Core. Honors equivalents shall satisfy the Kent Core. None of the courses on the Kent Core list may be taken with a pass/fail grade. Visit [www.kent.edu/catalog/kent-core](http://www.kent.edu/catalog/kent-core) for course list.

#### Diversity Course Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. One course must come from the Kent Core. The second course may be taken as a second Kent Core, within a major or minor, or as a general elective; or, with dean's approval, by completing one semester of study in another country. Visit [www.kent.edu/catalog/diversity](http://www.kent.edu/catalog/diversity) for course list.

#### Writing-Intensive Course Requirement

Students must complete a one-course writing-intensive requirement in their major and earn minimum C (2.000) grade. Visit [www.kent.edu/catalog/wic](http://www.kent.edu/catalog/wic) for course list.

#### Experiential Learning Requirement

To provide students with direct engagement in learning experiences that promote academic relevance, meaning and an understanding of real-world issues, students must complete this requirement at Kent State, either as a for-credit course or as a non-credit, non-course experience approved by the appropriate faculty member. Visit [www.kent.edu/catalog/elr](http://www.kent.edu/catalog/elr) for course list.

#### Upper-Division Requirement

Students must complete a minimum 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.

