



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 2.75 cumulative GPA is required for 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 11010 Algebra for Calculus	3				Fulfills Kent Core Mathematics and Critical Reasoning; see note 1
PSYC 11762 General Psychology	3				Fulfills Kent Core Social Sciences; fulfills domestic diversity requirement; 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				Additional (3 credits), Composition (6-8 credits), Humanities and Fine Arts (6 credits), Social Sciences (3 credits)
<b>Semester One: [13-16 Credit Hours]</b>					
COMM 15000 Introduction to Human Communication	0-3				Fulfills Kent Core Additional; may have been taken in ATS Radiologic Technology as Kent Core Additional
MATH 11012 Intuitive Calculus	3				Fulfills Kent Core Additional
Kent Core Requirement	3				See Kent Core Summary on page 2
Kent Core Requirement	4				
General Elective (lower division)	3				
<b>Semester Four: [13 Credit Hours]</b>					
<b>Note: Admission to the program is required to enroll in RIS courses.</b>					
RIS 34003 Radiation Therapy Principles/Practice I	3	■	C	■	
RIS 34004 Radiation Therapy Patient Management	3	■	C	■	
RIS 34008 Radiation Therapy Physics I	3	■	C	■	
RIS 34030 Radiation Therapy Clinical Education I	1	■	C	■	
RIS 34083 Sectional Anatomy in Medical Imaging	3	■	C	■	
<b>Semester Five: [13 Credit Hours]</b>					
RIS 44013 Radiation Therapy Principles/Practice II	3	■	C	■	
RIS 44018 Radiation Therapy Physics II	3	■	C	■	
RIS 44029 Radiation Therapy Pathology I	3	■	C	■	
RIS 44040 Radiation Therapy Clinical Education II	1	■	C	■	
RIS 44098 Research in Medical Imaging	3	■	C	■	Fulfills experiential learning and writing-intensive course requirement
<b>Summer III: [8 Credit Hours]</b>					
RIS 44028 Radiation Therapy Radiobiology	3	■	C	■	
RIS 44042 Radiation Therapy Pathology II	3	■	C	■	
RIS 44050 Radiation Therapy Clinical Education III	1	■	C	■	
RIS 44060 Radiation Therapy Clinical Education IV	1	■	C	■	



**Critical requirements are boldface in shaded areas.**

Course Subject and Title	Credit Hours	Upper Div.	Min. Grade	Major GPA	Important Notes
<b>Semester Six: [9 Credit Hours]</b>					
<b>RIS 44038 Radiation Therapy Physics III</b>	<b>3</b>	■	<b>C</b>	■	
<b>RIS 44041 Radiation Therapy Quality Management</b>	<b>2</b>	■	<b>C</b>	■	
<b>RIS 44043 Radiation Therapy Principles/Practice III</b>	<b>3</b>	■	<b>C</b>	■	
<b>RIS 44070 Radiation Therapy Clinical Education V</b>	<b>1</b>	■	<b>C</b>	■	

**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
122	39	36	Kent Core and General Electives/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. in Radiologic Technology	0
<b>Mathematics and Critical Reasoning (3-5 credit hours)</b>	Fulfilled in A.T.S. in Radiologic Technology	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. in 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 A.T.S. in Radiologic Technology	0
<b>Basic Sciences (6-7 credit hours)</b> <i>Must include one laboratory</i>	3 credit hours are fulfilled in A.T.S. in Radiologic Technology	3-4
<b>Additional (6 credit hours)</b> <i>Must be selected from two Kent Core categories</i>	Fulfilled in this major with COMM 15000 and MATH 11012	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.

**Note:** Students should contact the radiation therapy 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.

**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 (ELR)**

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.