

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 |
|--|--|--------------|------------|------------|-----------|---------|------------|
| <b>Semester Prerequisite [66 Credits]</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 this program.</b> |  |              |            |            |           |         |            |
| !  | <b>Associate of Technical Studies in Radiologic Technology</b>   | <b>32</b>    |            |            |           |         |            |
|  | BSCI 10001 Human Biology   | 3            |            |            |           | KBS     |            |
|  | CHEM 10050 Fundamentals of Chemistry   | 3            |            |            |           | KBS     |            |
|  | COMM 15000 Introduction to Human Communication   | 3            |            |            |           | KAD     |            |
|  | COMT 11000 Introduction to Computer Systems<br><i>or</i> CS 10001 Computer Literacy<br><i>or</i> MIS 24053 Computer Applications | 3            |            |            |           |         |            |
|  | MATH 11010 Algebra for Calculus  | 3            |            |            |           | KMC     |            |
|  | PSYC 11762 General Psychology  | 3            |            |            |           | DD/KSS  |            |
|  | US 10097 Destination Kent State: First Year Experience <sup>1</sup>  | 1            |            |            |           |         |            |
|  | Kent Core Requirement  | 15           |            |            |           |         |            |
| <b>Semester One [11-14 Credits]</b>  |  |              |            |            |           |         |            |
|  | COMM 15000 Introduction to Human Communication   | 0-3          |            |            |           | KAD     |            |
|  | MATH 11012 Intuitive Calculus  | 3            |            |            |           | KMC     |            |
|  | Kent Core Requirement  | 3            |            |            |           |         |            |
|  | Kent Core Requirement  | 4            |            |            |           |         |            |
|  | General Electives  | 1            |            |            |           |         |            |
| <b>Semester Two [13 Credits]</b>   |  |              |            |            |           |         |            |
| <b>Note: Admission to Technical Study 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 Three [14 Credits]</b>   |  |              |            |            |           |         |            |
| !  | RIS 44009 Radiation Therapy Principles and Practice II   | 2            | ■          | C          | ■         |         |            |
| !  | RIS 44018 Radiation Therapy Physics II   | 3            | ■          | C          | ■         |         |            |
| !  | RIS 44029 Radiation Therapy Pathology I  | 3            | ■          | C          | ■         |         |            |
| !  | RIS 44053 Radiation Therapy Clinical Education II  | 3            | ■          | C          | ■         |         |            |
| !  | RIS 44098 Research in Medical Imaging <sup>3</sup>   | 3            | ■          | C          | ■         | ELR/WIC |            |
| <b>Second Summer Term [8 Credits]</b>  |  |              |            |            |           |         |            |
| !  | RIS 44028 Radiation Therapy Radiobiology   | 3            | ■          | C          | ■         |         |            |
| !  | RIS 44042 Radiation Therapy Pathology II   | 3            | ■          | C          | ■         |         |            |
| !  | RIS 44056 Radiation Therapy Clinical Education III   | 1            | ■          | C          | ■         |         |            |
| !  | RIS 44060 Radiation Therapy Clinical Education IV  | 1            | ■          | C          | ■         |         |            |
| <b>Semester Five [8 Credits]</b>   |  |              |            |            |           |         |            |
| !  | RIS 44038 Radiation Therapy Physics III  | 3            | ■          | C          | ■         |         |            |
| !  | RIS 44041 Radiation Therapy Quality Management   | 2            | ■          | C          | ■         |         |            |
| !  | RIS 44080 Radiation Therapy Clinical Education V   | 3            | ■          | C          | ■         |         |            |

### Graduation Requirements Summary

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

1. US 10097 is not required of transfer students with 25 credits or students age 21+ at time of admission.
2. A minimum C (2.000) grade must be earned to fulfill the writing-intensive requirement.

Students should contact the radiation therapy program director at the Salem Campus for advising.

### University Requirements Summary

| Type | Categories  | Course(s) Satisfying Category   | Remaining Requirements |
|------|---|---|------------------------|
| KCM  | <b>Kent Core I. Composition</b><br>Enrollment based on placement test   | Fulfilled in A.T.S. Radiologic Technology   | fulfilled              |
| KMC  | <b>Kent Core II. Mathematics and Critical Reasoning</b><br>Enrollment based on placement test   | Fulfilled in A.T.S. Radiologic Technology   | fulfilled              |
| KHU  | <b>Kent Core III. Humanities</b><br>Minimum one course from humanities in Arts and Sciences; may fulfill diversity requirement                            | Fulfilled in A.T.S. Radiologic Technology   | fulfilled              |
| KFA  | <b>Kent Core IV. Fine Arts</b><br>Minimum one course from the fine arts; may fulfill diversity requirement  | Fulfilled in A.T.S. Radiologic Technology   | fulfilled              |
| KFH  | <b>Kent Core V. Humanities or Fine Arts</b><br>One additional course from either the humanities or fine arts category, may fulfill diversity requirement. | visit <a href="http://www.kent.edu/catalog/kent-core">http://www.kent.edu/catalog/kent-core</a> | 3                      |
| KSS  | <b>Kent Core VI. Social Sciences</b><br>Must be selected from two curricular areas; may fulfill diversity requirement                                     | Fulfilled in A.T.S. Radiologic Technology   | fulfilled              |
| KBS  | <b>Kent Core VII. Basic Sciences</b><br>Must include one laboratory   | 3 credits fulfilled in A.T.S. Radiologic Technology   | 3-4                    |
| KAD  | <b>Kent Core VIII. Additional</b><br>May fulfill diversity requirement  | Fulfilled in A.T.S. Radiologic Technology   | fulfilled              |
| DD   | <b>Domestic Diversity Course Requirement</b><br>Either domestic or global diversity must be from Kent Core  | PSYC 11762  | fulfilled              |
| DG   | <b>Global Diversity Course Requirement</b><br>Either domestic or global diversity must be from Kent Core  | visit <a href="http://www.kent.edu/catalog/kent-core">http://www.kent.edu/catalog/kent-core</a> | one course             |
| ELR  | <b>Experiential Learning Requirement</b><br>Either course or non-course experience approved by the appropriate faculty member.                            | RIS 44098   | fulfilled              |
| WIC  | <b>Writing-Intensive Course Requirement</b><br>Minimum C (2.000) grade  | RIS 44098   | fulfilled              |