

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 | Min. Grade | Major GPA | Attribute | Notes |
|--|--|--------------|------------|-----------|-----------|-------|
| <b>Semester Prerequisite [67 Credits]</b>  |  |              |            |           |           |       |
| <b>Note: Students must have earned an AAS degree in Radiologic Technology (43 semester credits will be awarded). A 2.750 cumulative GPA is required for admission to this program.</b> |  |              |            |           |           |       |
|  | Technical requirements in Radiologic Technology <sup>1</sup>   | 43           |            |           |           |       |
|  | BSCI 11010 Foundational Anatomy and Physiology I <sup>2</sup><br><b>and</b> BSCI 11020 Foundational Anatomy and Physiology II <sup>2</sup><br><b>or</b><br>BSCI 20020 Biological Structure and Function <sup>2</sup> | 5-6          |            |           | KBS       |       |
|  | CHEM 10050 Fundamentals of Chemistry   | 3            |            |           | KBS       |       |
|  | HED 14020 Medical Terminology  | 3            |            |           |           |       |
|  | MATH 11009 Modeling Algebra<br><b>or</b> MATH 11010 Algebra for Calculus   | 3-4          |            |           | KMC       |       |
|  | PSYC 11762 General Psychology  | 3            |            |           | DD/KSS    |       |
|  | US 10097 Destination Kent State: First Year Experience <sup>3</sup>  | 1            |            |           |           |       |
|  | Kent Core Requirement  | 6            |            |           |           |       |
| <b>Semester One [12 Credits]</b>   |  |              |            |           |           |       |
|  | Kent Core Requirement  | 3            |            |           |           |       |
|  | Kent Core Requirement  | 3            |            |           |           |       |
|  | Kent Core Requirement  | 3            |            |           |           |       |
|  | Kent Core Requirement  | 0 - 1        |            |           |           |       |
|  | General Electives (upper-division)   | 3            |            |           |           |       |
| <b>Semester Two [12 Credits]</b>   |  |              |            |           |           |       |
|  | Kent Core Requirement  | 3            |            |           |           |       |
|  | Kent Core Requirement  | 3            |            |           |           |       |
|  | General Electives (upper-division)   | 6            |            |           |           |       |
| <b>Semester Three [11 Credits]</b>   |  |              |            |           |           |       |
| <b>Note: Must be admitted to Technical Study to enroll in RIS courses</b>  |  |              |            |           |           |       |
| !  | RIS 34084 Computed Tomography and Magnetic Resonance Imaging Sectional Anatomy I   | 2            | C          | ■         |           |       |
| !  | RIS 44031 Patient Management in MRI  | 2            | C          | ■         |           |       |
| !  | RIS 44035 MRI Clinical Education I   | 3            | C          | ■         |           |       |
| !  | RIS 44044 MRI Procedures I   | 2            | C          | ■         |           |       |
| !  | RIS 44051 Magnetic Resonance Equipment and Image Acquisition I   | 2            | C          | ■         |           |       |
| <b>Semester Four [16 Credits]</b>  |  |              |            |           |           |       |
| !  | RIS 34086 Computed Tomography and Magnetic Resonance Imaging Sectional Anatomy II  | 2            | C          | ■         |           |       |
| !  | RIS 44036 MRI Clinical Education II  | 3            | C          | ■         |           |       |
| !  | RIS 44045 Magnetic Resonance Imaging Procedures II   | 2            | C          | ■         |           |       |
| !  | RIS 44046 Magnetic Resonance Imaging Techniques  | 1            | C          | ■         |           |       |
| !  | RIS 44052 Magnetic Resonance Equipment and Image Acquisition II  | 2            | C          | ■         |           |       |
| !  | RIS 44083 Pathophysiology for Medical Imaging  | 3            | C          | ■         |           |       |
| !  | RIS 44098 Research in Medical Imaging  | 3            | C          | ■         | ELR/WIC   |       |
| <b>Summer II [3 Credits]</b>   |  |              |            |           |           |       |
| !  | RIS 44037 MRI Clinical Education III   | 3            | C          | ■         |           |       |

### Graduation Requirements Summary

| Minimum Total Hours | Minimum Upper-Division Hours<br>30000 – 40000 level course | Minimum Kent Core Hours | Minimum   |             |
|---------------------|--|-------------------------|-----------|-------------|
|                     |  |                         | Major GPA | Overall GPA |
| 121                 | 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 Foundational Anatomy and Physiology I/II.
3. US 10097 is not required of transfer students with 25 credits (excluding College Credit Plus and dual-enrollment) or students age 21+ at time of admission.

Enrollment in RIS courses is limited to students accepted to technical study, which is a selective process based on program admission criteria listed in the program application packet found on the [program website](#).

**University Requirements:** Bachelor's degree-seeking students must meet Kent Core (general education requirements), diversity, writing-intensive and experiential learning requirements. For more information about these requirements, please read the following sections in the University Catalog: Kent Core – [www.kent.edu/catalog/kent-core](http://www.kent.edu/catalog/kent-core); Diversity Course Requirement – [www.kent.edu/catalog/diversity](http://www.kent.edu/catalog/diversity); Writing-Intensive Course Requirement – [www.kent.edu/catalog/wic](http://www.kent.edu/catalog/wic); Experiential Learning Requirement – [www.kent.edu/catalog/elr](http://www.kent.edu/catalog/elr).

**Attribute Legend:** **DD** Diversity–Domestic; **DG** Diversity–Global; **ELR** Experiential Learning; **KAD** Kent Core Additional; **KBS** Kent Core Basic Sciences; **KCM** Kent Core Composition; **KFA** Kent Core Fine Arts; **KHU** Kent Core Humanities; **KMC** Kent Core Mathematics and Critical Reasoning; **KSS** Kent Core Social Sciences; **WIC** Writing Intensive