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 Prerequisite [63 Credits]

**Note:** Students must have earned an AAS degree in Radiologic Technology (38 semester credits from Radiologic Technology will be awarded). A 2.750 cumulative GPA is required for admission to this program.

<table>
<thead>
<tr>
<th>Critical Course Subject and Title</th>
<th>Credit Hours</th>
<th>Min. Grade</th>
<th>Major GPA</th>
<th>Attribute</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technical requirements in Radiologic Technology</td>
<td>39</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BSCI 11010 Foundational Anatomy and Physiology I (^1)</td>
<td>5-6</td>
<td>KBS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>or BSCI 11020 Foundational Anatomy and Physiology II (^1)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BSCI 20020 Biological Structure and Function (^1)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 10050 Fundamentals of Chemistry</td>
<td>3</td>
<td>KBS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HEU 14020 Medical Terminology</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 11009 Modeling Algebra or MATH 1110 Algebra for Calculus</td>
<td>3-4</td>
<td>KMC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSYC 11762 General Psychology</td>
<td>3</td>
<td>DD/KSS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>US 10097 Destination Kent State: First Year Experience (^2)</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Semester One [15 Credits]

1. Kent Core Requirement 6

### Semester Two [14 Credits]

**Note:** Admission to Technical Study is required to enroll in RIS courses

1. RIS 34040 Patient Management in Diagnostic Medical Sonography 3 C ■
2. RIS 34042 Abdominal Sonography I 3 C ■
3. RIS 34044 Ultrasound Physics and Instrumentation 3 C ■
4. RIS 34045 Ultrasound Clinical Education I 2 C ■
5. RIS 34083 Sectional Anatomy in Medical Imaging 3 C ■

### Semester Three [16 Credits]

1. RIS 34052 Abdominal Sonography II 3 C ■
2. RIS 34060 Ultrasound Clinical Education II 4 C ■
3. RIS 34062 Obstetrics and Gynecology Sonography I 3 C ■
4. RIS 44083 Pathophysiology for Medical Imaging 3 C ■
5. RIS 44098 Research in Medical Imaging 3 C ■ ELR/WIC

### Semester Four [7 Credits]

1. RIS 34065 Ultrasound Clinical Education III 1 C ■
2. RIS 34082 Small Parts Sonography 1 C ■
3. RIS 44055 Ultrasound Clinical Education IV 1 C ■
4. RIS 44072 Obstetrics and Gynecology Sonography II 3 C ■
5. RIS 44084 Ultrasound Image Evaluation 1 C ■

### Semester Five [6 Credits]

1. RIS 44065 Ultrasound Clinical Education V 4 C ■
2. RIS 44074 Vascular Sonography 2 C ■

### Graduation Requirements Summary

<table>
<thead>
<tr>
<th>Minimum Total Hours</th>
<th>Minimum Upper-Division Hours 30000 – 40000 level course</th>
<th>Minimum Kent Core Hours</th>
<th>Minimum Major GPA</th>
<th>Minimum Overall GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>121</td>
<td>39</td>
<td>36</td>
<td>2.750</td>
<td>2.000</td>
</tr>
</tbody>
</table>

1. 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.
2. US 10097 is not required of transfer students with 25 credits (excluding College Credit Plus and dual-enrollment credit) 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)