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 | Min. Grade | Important Notes
--- | --- | --- | ---
**Semester One: [16-18 Credit Hours]**
**Requirement: minimum 2.75 cumulative GPA and admission into the Respiratory Therapy Technology program**
BSCI 11010 Anatomy and Physiology for Allied Health I (3)  or BSCI 20020 Biological Structure and Function (5) | 3-5 | C | BSCI 20020 fulfills Kent Core Basic Sciences
CHEM 10050 Fundamentals of Chemistry | 3 | C | Fulfills Kent Core Basic Sciences
PTST 10009 Medical Terminology  or HED 14020 Medical Terminology | 1 | C |
RTT 11000 Introduction to Respiratory Therapy | 2 | C |
RTT 11003 Application and Mechanisms of Cardiopulmonary Anatomy and Physiology | 3 | C |
RTT 11006 Introduction to Clinical Respiratory Therapy | 3 | C |
US 10097 Destination Kent State: FYE | 1 | C | Not required of transfer students with 25 credits

**Semester Two: [6-10 Credit Hours]**
BSCI 11020 Anatomy and Physiology for Allied Health II | 0-3 | C | Must take if BSCI 11010 was previously selected
PHY 12111 Physics for Health Technologies (3)  or PHY 13001 General College Physics I (4) | 3-4 | C |
Kent Core Composition | 3 | C |

**Semester Three: [16 Credit Hours]**
BSCI 20021 Microbiology | 3 | C | BSCI 20022 Microbiology Laboratory is optional
RTT 11001 Respiratory Care Pharmacology | 2 | C |
RTT 11002 Cardiopulmonary Diseases | 3 | C |
RTT 11004 Therapeutics | 6 | C |
RTT 11008 Blood Gas Analysis | 2 | C |

**Semester Four: [13 Credit Hours]**
RTT 21001 Mechanical Ventilation | 5 | C |
RTT 21003 Perinatal and Pediatric Respiratory Therapy | 2 | C |
RTT 21004 Advanced Diagnostics | 3 | C |
Kent Core Composition | 3 | C |

**Semester Five: [5 Credit Hours]**
RTT 21000 Critical Care | 5 | C |

**Semester Six: [13 Credit Hours]**
COMM 15000 Introduction to Human Communication | 3 | C | Fulfills Kent Core Additional
PSYC 11762 General Psychology | 3 | C | Fulfills Kent Core Social Science
RTT 21005 Rehabilitation and Continuing Care | 2 | C |
RTT 21010 Respiratory Therapy Capstone | 3 | C |
RTT 21012 Basic Research Development and Analysis | 2 | C |

**Graduation Requirements Summary**

<table>
<thead>
<tr>
<th>Minimum Total Hours</th>
<th>Minimum GPA</th>
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<tbody>
<tr>
<td>71</td>
<td>2.0</td>
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Kent Core Summary (for students planning to pursue a baccalaureate program)

<table>
<thead>
<tr>
<th>Kent Core Categories</th>
<th>Important Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Composition (6-8 credit hours)</strong> ENG 11002, 11011, 21011; HONR 10197, 10297</td>
<td>Enrollment based on placement test</td>
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<tr>
<td><strong>Mathematics and Critical Reasoning (3-5 credit hours)</strong></td>
<td>Enrollment based on placement test</td>
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<tr>
<td><strong>Humanities and Fine Arts (9 credit hours)</strong> Minimum one course from humanities in Arts and Sciences and minimum one course from fine arts</td>
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<tr>
<td><strong>Social Sciences (6 credit hours)</strong> Must be selected from two curricular areas</td>
<td>3 credit hours fulfilled in this major with PSYC 11762</td>
</tr>
<tr>
<td><strong>Basic Sciences (6-7 credit hours)</strong> Must include one laboratory</td>
<td>May be fulfilled in this major with BSCI 20020 and CHEM 10050</td>
</tr>
<tr>
<td><strong>Additional (6 credit hours)</strong> Must be selected from two Kent Core categories</td>
<td>3 credit hours may be fulfilled in this major with COMM 15000</td>
</tr>
</tbody>
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