

The Respiratory Care program at FCC is a selective admissions program. This pathway is for students who have been accepted into the FCC Respiratory Care program only. Students who have not yet been accepted into the Respiratory Care program should begin the Pre-Health Professions Pre-Respiratory Care pathway and apply to the Respiratory Care program after all selective admissions courses have been completed.

#### Guided Pathway to Success (GPS)

Suggested schedules map your path to degree completion.

**Full-time student:** Follow the green semester blocks in order.

**Students should meet with an advisor each semester** to carefully select and sequence courses based on their specific academic goals and interests. Visit Jefferson Hall or call 301.846.2471 (301.846.2625 TDD) for advising.

Students who take fewer than 15 credits each semester or who require developmental English or Math coursework will need additional semesters to complete their degrees. Summer and January term classes may help students to make faster progress.

General Education CORE courses can often be taken in any semester. One course must be designated as a Cultural Competence course. A minimum of nine credits must be taken at the 200 level. Refer to the college catalog for course details and the list of General Education and Cultural Competence classes. <http://www.frederick.edu/class-schedules.aspx#catalog>

Students are strongly recommended to consult an FCC advisor to select elective courses. Students planning to transfer may also reference ARTSYS, the Maryland Articulation System, [www.artsys.usmd.edu](http://www.artsys.usmd.edu).



Take this course within the first 24 credits.



Milestone course – take within recommend credit range to stay on track for completion.

### 1 Recommended First Semester (Fall)

|                           |   |           |
|---------------------------|---|-----------|
| Departmental Requirements | BI 104 Human Anatomy and Physiology II  | 4 credits |
| Departmental Requirements | RC 100 Introduction to Respiratory Care | 2 credits |
| Departmental Requirements | RC 102 Fundamentals of Respiratory Care | 4 credits |
| Departmental Requirements | RC104 Gas Exchange Physiology           | 2 credits |

### 2 Recommended Second Semester (Spring)

|                           |   |           |
|---------------------------|---|-----------|
| Departmental Requirements | RC 103 Pharmacology                                   | 3 credits |
| Departmental Requirements | RC 105 Cardiopulmonary & Renal Anatomy and Physiology | 3 credits |
| Departmental Requirements | RC 107 Principles of Mechanical Ventilation           | 4 credits |
| Departmental Requirements | RC 109 Clinical Practicum I                           | 2 credits |

### 3 Recommended Third Semester (Summer)

|                           |                                       |           |
|---------------------------|---------------------------------------|-----------|
| Departmental Requirements | RC 110 Clinical Practicum II          | 2 credits |
| Departmental Requirements | BI 120 Microbiology for Allied Health | 4 credits |

### 4 Recommended Fourth Semester (Fall)

|                           |  |           |
|---------------------------|--|-----------|
| PE/Health                 | PE/Health Requirement                          | 1 credit  |
| Departmental Requirements | RC 202 Pediatric and Neonatal Respiratory Care | 3 credits |
| Departmental Requirements | RC 204 Cardiac Monitoring and Diagnostics      | 4 credits |
| Departmental Requirements | RC 206 Pulmonary Diagnostics                   | 2 credits |
| Departmental Requirements | RC 208 Clinical Practicum III                  | 2 credits |

### 5 Recommended Fifth Semester (Spring)

|                           |  |           |
|---------------------------|--|-----------|
| Departmental Requirements | RC 203 Pulmonary Rehabilitation and Home Care    | 2 credits |
| Departmental Requirements | RC 205 Professional Seminar                      | 2 credits |
| Departmental Requirements | RC 207 Cardiopulmonary and Renal Pathophysiology | 3 credits |
| Departmental Requirements | RC 209 Clinical Practicum IV                     | 2 credits |