



Liberal Studies, Pre-Respiratory Therapy Associate in Science

Seven-Semester Pathway - Academic Year 2019-2020

Please visit www.smccme.edu/healthprograms for details on admission requirements

| Pre-Acceptance Semester 1 | Requirement | Recommended | Prerequisites | Corequisites | Credits | My Plan |
|-------------------------------------|--|-------------|------------------------------|-------------------------|---------|---------|
| FIGS-102 | Freshman Interest Group- Intro to Healthcare Professions | | | | 1 | |
| ENGL-100 | English Composition | | ENGL-090, ENGL-095 | | 3 | |
| | Mathematics Elective (MATH-140 or higher) | | MATH-050 | | 3 | |
| | Social Science Elective | | See course prerequisites | See course corequisites | 3 | |
| BIOL-132 | Anatomy & Physiology I with Lab | | MATH-030 | ENGL-100 | 4 | |
| Pre-Acceptance Semester 2 | | | | | | |
| ENGL-115 | Introduction to Literature | | ENGL-100 | | 3 | |
| | Fine Arts or Humanities Elective | | See course prerequisites | See course corequisites | 3 | |
| CHEM-120 | General Chemistry I with Lab | | ENGL-090, ENGL-095 | MATH-130 or MATH-140 | 4 | |
| BIOL-138 | Anatomy & Physiology II with Lab | | BIOL-132 | | 4 | |
| Acceptance into Respiratory Therapy | | | | | | |
| Semester 1 | Requirement | Recommended | Prerequisites | Corequisites | Credits | My Plan |
| BIOL-235 | Pathophysiology | | BIOL-138 | | 3 | |
| RESP-100 | Introduction to Respiratory Therapy/Patient Care | | RESP Program Acceptance | RESP 101, 120 | 3 | |
| RESP-101 | Gas, Humidity, and Aerosol Therapy with Lab | | RESP Program Acceptance | RESP 100, 120 | 4 | |
| RESP-120 | Cardiopulmonary-Renal Anatomy & Physiology | | RESP Program Acceptance | RESP 100, 101, BIOL 138 | 4 | |
| Semester 2 | | | | | | |
| RESP-105 | Pulmonary Assessment Technology with Lab | | BIOL-138, RESP-101, 120 | RESP 110, 125 | 3 | |
| RESP-110 | Airway Management with Lab | | BIOL-138, RESP-100, 101, 120 | RESP-105, 125 | 3 | |
| RESP-125 | Clinical Practicum I | | RESP-100, 101, 120 | RESP-105, 110 | 3 | |
| RESP-170 | Introduction to Mechanical Ventilation with Lab | | RESP-100, 101, 120 | RESP-105,110, 125 | 3 | |
| Summer | | | | | | |
| RESP-172 | Clinical Ethics in Respiratory Care | | RESP-105, RESP-110, RESP-170 | RESP-175 | 3 | |
| RESP-175 | Clinical Practicum II | | RESP-125 | RESP 172 | 4 | |

| Semester 3 | | | | | | |
|-------------------|------------------------------------|--|------------------------------|------------------------------|---|--|
| RESP-200 | Neonatology and Pediatrics | | RESP-170, RESP-172, RESP-175 | | 3 | |
| RESP-210 | Cardiovascular Assessment | | RESP-170, RESP-172, RESP-175 | RESP-200, RESP-220, RESP-225 | 3 | |
| RESP-220 | Clinical Application of Mechanical | | RESP-170, RESP-172, RESP-175 | RESP-200, RESP-210, RESP-225 | 4 | |
| RESP-225 | Clinical Practicum III | | RESP-170, RESP-172, RESP-175 | RESP-200, RESP-210, RESP-220 | 4 | |
| Semester 4 | | | | | | |
| RESP-275 | Clinical Practicum IV | | RESP-225 | RESP 250 | 6 | |
| RESP-250 | Respiratory Care Senior Seminar | | RESP-220, RESP-225 | RESP 275 | 3 | |

Liberal Studies, Pre-Respiratory Therapy

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| Admissions Requirements (Students must take these prior to acceptance to Respiratory Therapy.) | | | | | |
|---|---|--------------------|----------------------|---------|-----|
| COURSE CODE | COURSE TITLE | PREREQUISITES | COREQUISITES | CREDITS | MET |
| BIOL-132 | Anatomy & Physiology I with Lab | MATH-030 | ENGL-100 | 4 | |
| CHEM-120 | General Chemistry I with Lab | ENGL-090, ENGL-095 | MATH-130, 140 or 145 | 4 | |
| | Mathematics Elective (MATH-140 or higher, MATH-155 recommended) | MATH-030 | | 3 | |

| General Education Requirements (Students can take these prior to acceptance to Respiratory Therapy.) | | | | | |
|---|---|--------------------|--------------|---------|-----|
| COURSE CODE | COURSE TITLE | PREREQUISITES | COREQUISITES | CREDITS | MET |
| ENGL-100 | English Composition | ENGL-090, ENGL-095 | | 3 | |
| ENGL-115 | Introduction to Literature | ENGL-100 | | 3 | |
| FIGS-102 | Freshman Interest Group Elective -Intro to Healthcare Professions | | | 1 | |
| BIOL-138 | Anatomy & Physiology II with Lab | BIOL-132 | | 4 | |
| | Fine Arts or Humanities Elective | | | 3 | |
| | Social Science Elective | | | 3 | |

| Major Required Courses | | | | | |
|-------------------------------|---|--|------------------------------|---------|-----|
| COURSE CODE | COURSE TITLE | PREREQUISITES | COREQUISITES | CREDITS | MET |
| BIOL-235 | Pathophysiology | BIOL-138 | | 3 | |
| RESP-100 | Introduction to Respiratory Therapy/Patient Care | RESP program acceptance | RESP-101, RESP-120 | 3 | |
| RESP-101 | Gas, Humidity, and Aerosol Therapy with Lab | RESP program acceptance | RESP-100, RESP-120 | 4 | |
| RESP-105 | Pulmonary Assessment Technology with Lab | BIOL-138, RESP-100, RESP-101, RESP-120 | RESP-110, RESP-125 | 3 | |
| RESP-110 | Airway Management with Lab | BIOL-138, RESP-100, RESP-101, RESP-120 | RESP-105, RESP-125 | 3 | |
| RESP-120 | Cardiopulmonary-Renal Anatomy & Physiology | RESP program acceptance | RESP-100, RESP-101, BIOL-138 | 4 | |
| RESP-125 | Clinical Practicum I | RESP-100, RESP-101, RESP-120 | RESP-105, RESP-110 | 3 | |
| RESP-170 | Introduction to Mechanical Ventilation with Lab | RESP-100, RESP-101, RESP-120 | RESP-105, RESP-110, RESP-125 | 3 | |
| RESP-172 | Clinical Ethics in Respiratory Care | RESP-105, RESP-110, RESP-170 | RESP-175 | | |
| RESP-175 | Clinical Practicum II | RESP-125 | RESP-172 | 4 | |
| RESP-200 | Neonatology and Pediatrics | RESP-170, RESP-172, RESP-175 | | 3 | |
| RESP-210 | Cardiovascular Assessment | RESP-170, RESP-172, RESP-175 | RESP-200, RESP-220, RESP-225 | 3 | |
| RESP-220 | Clinical Application of Mechanical Ventilation with Lab | RESP-170, RESP-172, RESP-175 | RESP-200, RESP-210, RESP-225 | 4 | |
| RESP-225 | Clinical Practicum III | RESP-170, RESP-172, RESP-175 | RESP-200, RESP-210, RESP-220 | 4 | |
| RESP-250 | Respiratory Care Senior Seminar | RESP-220, RESP-225 | RESP-275 | 3 | |
| RESP-275 | Clinical Practicum IV | RESP-225 | RESP-250 | 6 | |