#### Program Curriculum for BSRT

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| **Course Number** | **Course Title** | **Credit Hours** |
| **General Education & Prerequisite Courses** | | |
| ENGL 1010 or | Intro to Writing\* | **3** |
| ENGL 101H | Intro to Writing |  |
| ENGL 2010 or | Intermediate Writing—Humanities and Social Sciences or \* | **3** |
| ENGL 2020 or | Intermediate Writing—Science and Technology\* (preferred) |  |
| ENGL 202H | Intermediate Writing—Science and Technology\* |  |
| MAT 1030 or | Quantitative Reasoning | **3** |
| STAT 1040 or | Introduction to Statistics |  |
| MAT 1050 or higher | College Algebra |  |
| HIST 1700 or | American Civilization | **3** |
| HIST 170H or | American Civilization |  |
| HIST 2700 and | US History to 1877 |  |
| HIST 2710 or | US History since 1877 |  |
| HIST 270H and | US History to 1877 |  |
| HIST 271H or | US History since 1877 |  |
| POLS 1000 or | American Heritage |  |
| POLS 1100 | American National Government |  |
| PHIL 205G | Ethics and Values | **3** |
| HLTH 1100 or | Personal Health and Wellness | **2** |
| EXSC 1097 | Fitness for Life |  |
| PSY 1010 | General Psychology\* | **3** |
| PSY 101H | General Psychology |  |
| BIOL 1010 or | General Biology | **3** |
| BIOL 101H or | General Biology |  |
| BIOL 1610 and | College Biology I |  |
| BIOL 1615 | College Biology I Laboratory |  |
| CHEM 1110 | Elementary Chemistry for Health Sciences\* | **4** |
| Humanities Distribution |  | **3** |
| Fine Arts Distribution |  | **3** |
|  | \*Required GE Courses |  |

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| **Prerequisites** | | |
| MICR 2060 and | Microbiology for Health Professions | **3** |
| MICR 2065 or | Microbiology for Health Professions Lab | **1** |
| ZOOL 2320 | Human Anatomy | **3** |
| ZOOL 2325 | Human Anatomy Lab | **1** |
| ZOOL 2420 | Human Physiology | **3** |
| ZOOL 2425 | Human Physiology Lab | **1** |
| RESP 1540 | Survey of Respiratory Therapy | **1** |
|  | **Degree GE & Prerequisites Total** | **46** |
| **Core Courses** | | |
| RESP 2145 | Respiratory Therapy Fundamentals Lab | **3** |
| RESP 2165 | Mechanical Ventilation Lab | **2** |
| RESP 2210 | Cardiopulmonary and Renal Anatomy and Physiology I | **3** |
| RESP 2230 | Cardiopulmonary Pathophysiology I | **2** |
| RESP 2250 | Patient Assessment | **2** |

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| RESP 2270 | Cardiopulmonary Diagnostics | **3** |
| RESP 2300 | Respiratory Therapy Fundamentals | **3** |
| RESP 2320 | Mechanical Ventilation I | **3** |
| RESP 2330 | Entry-Level Respiratory Therapy Review | **1** |
| RESP 2420 | Critical Thinking in Respiratory Therapy | **2** |
| RESP 2520 | Principles of Pharmacology | **2** |
| RESP 2705 | Clinical Applications I | **3** |
| RESP 2715 | Specialty Clinical Experiences | **1** |
| RESP 2725 | Clinical Applications II | **3** |
| RESP 3210 | Cardiopulmonary and Renal Anatomy and Physiology II | **2** |
| RESP 3220 | Cardiopulmonary Pathophysiology I | **3** |
| RESP 3260 | Neonatal/Pediatric Critical Care | **3** |
| RESP 3265 | Neonatal/Pediatric Critical Care lab | **1** |
| RESP 3270 | Adult Critical Care | **2** |
| RESP 3280 | Extended Roles for Respiratory Therapists | **2** |
| RESP 3320 | Mechanical Ventilation II | **3** |
| RESP 3325 | Mechanical Ventilation II Lab | **1** |
| RESP 3430 | Healthcare Education and Disease Management | **3** |
| RESP 3765 | Clinical Applications III- Neonatal/Pediatric Critical Care | **3** |
| RESP 3785 | Extended Roles Clinical Rotation | **2** |
| RESP 4610 | Advanced Patient Assessment | **3** |
| RESP 4640 | Respiratory Therapy Capstone | **2** |
| RESP 4775 | Clinical Applications IV-Adult Critical Care | **4** |
| RESP 4800 | Respiratory Therapy Seminar | **3** |
| RESP 4890 | Respiratory Therapy Management and Research | **3** |
| NURS 4120 | Rapid Response | **1** |
| **Total Credit Hours 121** | | |