

MAJOR SEQUENCE AND DEGREE REQUIREMENTS

Major: **BS Allied Health Technology: 2 + 2 program**
 Option: **RESPIRATORY THERAPY**
 Major Field Requirements: **17.0 credits**
 Clinical Education: **54.0 credits**
 Other Requirements: **13.0 credits**

When applicable, up to six of the **REQUIRED RELATED** courses may be credited toward the Liberal Arts Core subject to normal distribution rules.

| Course No. | Short Title | C.H. | Grade | Q.P. | Course No. | Short Title | C.H. | Grade | Q.P. |
|--|----------------------|------|-------|-------|---|------------------------|------|-------|-------|
| REQUIRED BIOLOGY COURSES (17.0 credits) | | | | | REQUIRED RELATED (13.0 credits) | | | | |
| BIOL 100 | General Biology | 3.0 | _____ | _____ | Chemistry (6.0 credits) (G2 Course) | | | | |
| BIOL 254 | Human Anat.& Phys I | 4.0 | _____ | _____ | CHEM 103 | Gen Org & Biochem | 3.0 | _____ | _____ |
| BIOL 255 | Human Anat.& Phys II | 4.0 | _____ | _____ | CHEM 104 | Gen Org & Biochem II | 3.0 | _____ | _____ |
| BIOL 455 | CardioPulm Physio | 3.0 | _____ | _____ | Note: Students considering going to graduate school or attending medical, dental, veterinary school or wanting to enroll in school to become a pharmacist, physical therapist, or physician assistant after completing their clinical training SHOULD TAKE CHEM 111, 112, 231 & 232. | | | | |
| BIOL 461 | General Microbiology | 3.0 | _____ | _____ | Mathematics (3.0 credits) | | | | |
| CLINICAL EDUCATION | | | | | MATH 130 | Statistics | 3.0 | _____ | _____ |
| At Lancaster Regional Medical Center (MU/LRMC Consortium) | | | | | Note: Students who might be interested in attending graduate school or professional schools after completing their clinical programs SHOULD ALSO TAKE MATH 161. | | | | |
| Clinical Education for Respiratory Therapy (54 Credits) | | | | | Physics (4.0 credits) (G2 Course) | | | | |
| | | | | | PHYS 131 | Physics I with Algebra | 4.0 | _____ | _____ |
| | | | | | NOTE: Students who might be interested in attending graduate school or professional school programs after completing their clinical program SHOULD ALSO TAKE PHYS 132. | | | | |
| | | | | | Suggested Additional Courses (no minimum) | | | | |
| | | | | | BIOL 375 | Biometry | 3.0 | _____ | _____ |
| | | | | | BIOL 454 | Immunology | 2.0 | _____ | _____ |
| | | | | | BIOL 463 | Virology | 4.0 | _____ | _____ |
| | | | | | CSCI* | _____ | 3.0 | _____ | _____ |
| | | | | | GERT 100 | Interdis Intro to Gert | 3.0 | _____ | _____ |
| | | | | | MATH 130 | Elements of Statistics | 3.0 | _____ | _____ |
| | | | | | PHIL 285 | Moral Prob Medicine | 3.0 | _____ | _____ |
| | | | | | SOCY 214 | Aging and the Aged | 3.0 | _____ | _____ |
| | | | | | *Numbered CSCI 140 or above. | | | | |
| | | | | | Note: Students may also follow the B.S. Biology option in Respiratory Therapy or B.S. in ALHT degree programs to prepare for the clinical portion of the MU Respiratory Therapy program. | | | | |
| | | | | | RT students who might be interested in medical or graduate school should select the B.S. in Biology, Respiratory Therapy option and select CHEM 231 & 232 in lieu of CHEM 235. This option also meets the full-year-of-physics requirement for medical school. | | | | |