LSUHSC – New Orleans
Cardiovascular Sonography and Respiratory Therapy Programs
Prerequisite Courses

NORTHWESTERN STATE UNIVERSITY	
English Composition	**Required—6 hours** _____ENGL 1010—3 hours _____ENGL 1020—3 hours
Humanities	**Required—9 hours** Recommended subjects are English, Technical Writing, Advanced Composition, History, or Foreign Language _____--3 hours _____--3 hours _____--3 hours
General Psychology	**Required—3 hours** _____PSYC 1010—Lecture—3 hours
Sociology	**Required—3 hours** _____Any SOC course is acceptable
Art Elective	**Required—3 hours** _____Recommended subjects are Music, Art Dance, or Theatre
Math	**Required—6 hours** _____MATH 1020—Algebra—3 hours _____MATH 1090—Trigonometry—3 hours **OR** _____MATH higher than MATH 1090—3 hours
General Chemistry	**Required—4 hours** _____CHEM 1030—Chem I—Lecture—3 hours _____CHEM 1031—Chem I—Lab—1 hour An alternative science course laboratory may be substituted for Chemistry laboratory
General Biology	**Required—8 hours** _____BIOL 1010—Biology I—Lecture—3 hours _____BIOL 1011—Biology I—Lab—1 hour _____BIOL 1020—Lecture—3 hours _____BIOL 1021—Lab—1 hour
Human Physiology (Will accept anatomy & physiology as an alternative)	**Required—3 hours** _____BIOL 2250—Lecture—3 hours
General Physics	**Required—3 hours** _____PHYS 2030—Lecture—3 hours
General Microbiology	**Required—3 hours** _____BIOL 2060—Micro—Lecture—3 hours
Total Credits:	**51 HOURS**

Reviewed 08/2025