

**LSUHSC – New Orleans Cardiovascular Sonography
and Respiratory Therapy Programs
Prerequisite Course Work**

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
Psychology	Required—3 hours ____ PSYC 1010
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 PLUS ____ MATH 1090—Trigonometry—3 hours OR ____ higher than MATH 1090—3 hours
Chemistry	Required—8 hours ____ CHEM 1030—Chem I—Lecture--3 hours ____ CHEM 1031—Chem I—Lab—1 hour PLUS ____ CHEM 1040—Chem II—Lecture--3 hours ____ CHEM 1041—Chem II—Lab—1 hour
General Biology	Required—8 hours ____ BIOL 1010—Biology I—Lecture--3 hours ____ BIOL 1011—Biology I—Lab—1 hour PLUS ____ 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
Science Elective	Required—3 hours ____ Recommended courses: BIOL or Chemistry course
General Physics	Required—4 hours ____ PHYS 2030--Lecture--3 hours ____ PHYS 2031—Lab—1 hour
Microbiology	Required—4 hours ____ BIOL 2060—Micro—Lecture—3 hours ____ BIOL 2061—Micro—Lab—1hour
Total Credits:	60 HOURS