

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

LOUISIANA STATE UNIVERSITY – BATON ROUGE	
English Composition	Required—6 hours _____ ENGL 1001—3 hours _____ ENGL 2000—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 2000 OR _____ PSYC 2001
Sociology	Required—3 hours _____ Any SOCI course is acceptable
Art Elective	Required—3 hours _____ Recommended subjects are Music, Art Dance, or Theatre
Math	Required—6 hours _____ MATH 1021—Algebra—3 hours _____ MATH 1022—Trigonometry—3 hours OR _____ MATH higher than MATH 1021—3 hours
General Chemistry—General	Required—8 hours _____ CHEM 1201—Chem I—Lecture—3 hours OR _____ CHEM 1421—Chem I—Lecture—3 hours PLUS _____ CHEM 1202—Chem II—Lecture—3 hours OR _____ CHEM 1422—Chem II—Lecture—3 hours PLUS _____ CHEM 1212—Chem I & II—Labs—2 hours OR _____ CHEM 1431—Chem I & II Labs—2 hours
General Biology—General	Required—8 hours _____ BIOL 1201—Biology I—Lecture—3 hours _____ BIOL 1208—Biology I—Lab—1 hour OR _____ BIOL 1207—Biology I—Lab—1 hour PLUS _____ BIOL 1202—Biology II—Lecture—3 hours _____ BIOL 1209—Biology II—Lab—1 hour OR _____ BIOL 1503—Biology II—Lecture & Lab—4 hours
Human Physiology (will accept anatomy & physiology as an alternative)	Required—3 hours _____ BIOL 2160—3 hours

Science Elective	Required—3 hours _____ Recommended courses—Biology and Chemistry
General Physics—General	Required—4 hours _____ PHYS 2001—Lecture—3 hours _____ PHYS 2108—Lab—1 hour
Microbiology—Introduction/General	Required—4 hours _____ BIOL 1011—Lecture—3 hours _____ BIOL 1012—Lab—1 hour OR _____ BIOL 2051—Lecture & Lab—4 hours
Total Credits:	60 HOURS