

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

XAVIER UNIVERSITY OF LOUISIANA	
English Composition	Required—6 hours ____ ENGL 1000—3 hours OR ____ ENGL 1010—3 hours PLUS ____ 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 SOCI course is acceptable
Art Elective	Required—3 hours ____ Recommended subjects are Music, Art Dance, or Theatre
Math	Required—6 hours ____ MATH 1010—Algebra—3 hours ____ MATH 1030—Trigonometry—3 hours OR ____ MATH higher than MATH 1030—3 hours
General Chemistry	Required—8 hours ____ CHEM 1010/1010D—Chem I—Lecture—3 hours ____ CHEM 1011L—Chem I—Lab—1 hour ____ CHEM 1020/1020D—Chem II—Lecture—3 hours ____ CHEM 1021L—Chem II—Lab—1 hour
General Biology	Required—8 hours ____ BIOL 1230—Biology I—Lecture—3 hours ____ BIOL 1230L—Biology I—Lab—1 hour ____ BIOL 1240—Biology II—Lecture—3 hours ____ BIOL 1240L—Biology II—Lab—1 hour
Human Physiology (will accept anatomy & physiology as an alternative)	Required—3 hours ____ BIOL 3350—3 hours
Science Elective	Required—3 hours ____ Recommended courses: Biology or Chemistry courses
General Physics	Required—4 hours ____ PHYS 2010—Lecture—3 hours ____ PHYS 2010L—Lab—1 hour
Microbiology	Required—4 hours ____ MIC 2010—Lecture—3 hours ____ MIC 210L—Lab—1 hour
Total Credits:	60 HOURS