

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

LOUISIANA STATE UNIVERSITY – BATON ROUGE	
English Composition	<b>Required—6 hours</b> ____ ENGL 1001—3 hours ____ ENGL 2000—3 hours
Humanities	<b>Required—9 hours</b> Recommended subjects are English, Technical Writing, Advanced Composition, History, or Foreign Language ____ --3 hours ____ --3 hours ____ --3 hours
Psychology	<b>Required—3 hours</b> ____ PSYC 2000 <b>OR</b> ____ PSYC 2001
Sociology	<b>Required—3 hours</b> ____ Any SOCI course is acceptable
Art Elective	<b>Required—3 hours</b> ____ Recommended subjects are Music, Art Dance, or Theatre
Math	<b>Required—6 hours</b> ____ MATH 1021—Algebra—3 hours ____ MATH 1022—Trigonometry—3 hours <b>OR</b> ____ MATH higher than MATH 1021—3 hours
General Chemistry	<b>Required—8 hours</b> ____ CHEM 1201—Chem I—Lecture—3 hours <b>OR</b> ____ CHEM 1421—Chem I—Lecture—3 hours <b>PLUS</b> ____ CHEM 1202—Chem II—Lecture—3 hours <b>OR</b> ____ CHEM 1422—Chem II—Lecture—3 hours <b>PLUS</b> ____ CHEM 1212—Chem I & II—Labs—2 hours <b>OR</b> ____ CHEM 1431—Chem I & II Labs—2 hours
General Biology	<b>Required—8 hours</b> ____ BIOL 1201—Biology I—Lecture—3 hours ____ BIOL 1208—Biology I—Lab—1 hour <b>OR</b> ____ BIOL 1207—Biology I—Lab—1 hour <b>PLUS</b> ____ BIOL 1202—Biology II—Lecture—3 hours ____ BIOL 1209—Biology II—Lab—1 hour <b>OR</b> ____ BIOL 1503—Biology II—Lecture & Lab—4 hours
Human Physiology (will accept anatomy & physiology as an alternative)	<b>Required—3 hours</b> ____ BIOL 2160—3 hours

Science Elective	<b>Required—3 hours</b> ____ Recommended courses—Biology and Chemistry
General Physics	<b>Required—4 hours</b> ____ PHYS 2001—Lecture—3 hours ____ PHYS 2108—Lab—1 hour
Microbiology	<b>Required—4 hours</b> ____ BIOL 2051—Lecture & Lab—4 hours
<b>Total Credits:</b>	<b>60 HOURS</b>