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

NORTHSHORE TECHNICAL COMMUNITY COLLEGE	
English Composition	**Required—6 hours** _____ENGL 1015—3 hours _____ENGL 1025—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 2015—Lecture—3 hours
Sociology	**Required—3 hours** _____SOCL 2015 or any SOCI course is acceptable
Art Elective	**Required—3 hours** _____Recommended subjects are Music, Art Dance, or Theatre
Math	**Required—6 hours** _____MATH 1005--College Algebra—3 hours **OR** _____MATH 1015--College Algebra Fundamentals—3 hours **PLUS** _____MATH 1620--College Trigonometry—3 hours
General Chemistry	**Required—4 hours** _____CHEM 1100—Chem I—Lecture—3 hours _____CHEM 1115 —Chem I—Lab—1 hour An alternative science course laboratory may be substituted for Chemistry laboratory
General Biology	**Required—8 hours** _____BIOL 1100—Biology I— Lecture—3 hours _____BIOL 1015—Biology I—Lab—1 hour _____BIOL 1200—Biology II—Lecture—3 hours _____BIOL 1025—Biology II—Lab—1 hour
Human Physiology (Will accept anatomy & physiology as an alternative)	**Required—3 hours** _____BIOL 2200—3 hours **OR** _____BIOL 2300—3 hours
General Physics	**Required—3 hours** _____PHYS 1010—Lecture—3 hours
General Microbiology	**Required—3 hours** _____BIOL 2230—Lecture—3 hours
Total Credits:	**51 HOURS**

Reviewed 08/2025