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

SOUTHERN UNIVERSITY BATON ROUGE	
English Composition	**Required—6 hours** _____SENL 101B—3 hours _____SENL 102B—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 200B
Sociology	**Required—3 hours** _____Any SOCL course is acceptable
Art Elective	**Required—3 hours** _____Recommended subjects are Music, Art Dance, or Theatre
Math	**Required—6 hours** _____SMAT 121B—Algebra—3 hours **PLUS** _____SMAT 122B—Trigonometry—3 hours **OR** _____SMAT 123B **PLUS** _____Math higher than SMAT 123B
General Chemistry	**Required—4 hours** _____CHEM 128B—Chem I—Lecture—3 hours _____CHEM 108B—Chem I—Lab—1 hour **OR** _____SCHE 132 B—Chem I—Lecture—3 hours _____SCHE 132LB—Chem I—Lab—1 hour An alternative science course laboratory may be substituted for Chemistry laboratory
General Biology	**Required—8 hours** _____SBIO 103B—Biology I—Lecture—3 hours _____SBIO 103LB—Biology I —Lab—1 hour _____BIOL 109B—Biology II—Lecture—3 hours _____BIOL 109LB—Biology I —Lab—1 hour
Human Physiology (Will accept anatomy & physiology as an alternative)	**Required—3 hours** _____SBIO 221B—3 hours **OR** _____SBIO 222B—3 hours
General Physics	**Required—3 hours** _____PHYS 145B—Lecture—3 hours **OR** _____SPHY 211B—Lecture—3 hours
General Microbiology	**Required—3 hours** _____SBIO 211B—Lecture—3 hours
Total Credits:	**51 HOURS**

Reviewed 08/2025