LSUHSC – New Orleans Physician Assistant Program
Prerequisite Course Work

Course work should be completed within 10 years of application

Nicholls State University	
Chemistry – for science majors	**Required – 8 hours** ___ CHEM 105 (3 hours) – Introductory Chemistry I ___ CHEM 106 (3 hours) – Introductory Chemistry II ___ CHEM 110 (2 hours) – Introductory Chemistry Laboratory
Microbiology – for science majors	**Required – 4 hours** ___ BIOL 203 (3 hours) – General Microbiology ___ BIOL 204 (1 hour) – General Microbiology Laboratory
Genetics – for science majors	**Required – 3 hours** ___ BIOL 320 (4 hours) – Genetics
Anatomy and Physiology – for science majors	**Required – 4 hours** ___ BIOL 114 (3 hours) – Human Anatomy and Physiology I ___ BIOL 115 (1 hour) – Human Anatomy and Physiology I Laboratory ___ BIOL 116 (3 hours) – Human Anatomy and Physiology II ___ BIOL 117 (1 hour) – Human Anatomy and Physiology II Laboratory **OR** ___ BIOL 371 (4 hours) – Advanced Anatomy ___ BIOL 326 (4 hours) – General Physiology
Organic Chemistry OR Biochemistry – for science majors	**Required - 4 hours** ___ CHEM 435 (3 hours) – Biochemistry I ___ CHEM 437 (1 hour) – Biochemistry Laboratory **OR** ___ CHEM 221 (3 hours) – Organic Chemistry I ___ CHEM 226 (2 hours) – Organic Chemistry Laboratory
Statistics	**Required – 3 hours** ___ MATH 214 (3 hours) – Introductory Statistics **OR** ___ MATH 301 (3 hours) – Elementary Statistical Methods **OR** ___ PSYC 208 (3 hours) – Statistics
Math	**Required – 3 hours** ___ MATH 101 (3 hours) – College Algebra **OR** ___ Other MATH courses higher than MATH 101 can be substituted
Behavioral Sciences	**Required – 6 hours (any combination)** ___ PSYC 101 (3 hours) – General Psychology ___ PSYC 203 (3 hours) – Personal and Social Adjustment ___ PSYC 204 (3 hours) – Psychology of Personality ___ PSYC 206 (3 hours) – Child Psychology ___ PSYC 210 (3 hours) – Adolescent and Adult Development ___ PSYC 211 (3 hours) – Social Psychology ___ PSYC 212 (3 hours) - Life Span Development

	___ SOCL 151 (3 hours) – Introductory Sociology ___ SOCL 155 (3 hours) – Honors Introductory Sociology ___ SOCL 201 (3 hours) – Social Problems ___ SOCL 204 (3 hours) – Cultural Diversity in American Society ___ Other PSYC and SOCL courses can be substituted
Upper Level Biology Coursework	**Required - 8 hours** ___ BIOL 304 (5 hours) – Histology ___ BIOL 315 (4 hours) – Pathogenic Microbiology ___ BIOL 326 (4 hours) – General Physiology ___ BIOL 327 (4 hours) – Human Physiology **This Physiology course may count as an upper level course if BIOL 114,115,116,117 were taken to meet the anatomy and physiology pre-requisite as listed on page 1. ___ BIOL 328 (3 hours) – Immunology ___ BIOL 329 (2 hours) – Immunology Laboratory ___ BIOL 332 (4 hours) – Developmental Biology ___ BIOL 408 (3 hours) – Endocrinology ___ BIOL 440 (3 hours) – Molecular Biology of the Cell ___ BIOL 441 (1 hour) – Molecular Biology of the Cell Laboratory ___ BIOL 460 (3 hours) - Virology ** Note: This is **NOT** a complete list of upper level biology courses that are accepted. All upper level biology courses should be related to the application and use in a medical curriculum. Therefore, courses such as Ecology and Herpetology will not be accepted to meet this requirement.**