LSUHSC – New Orleans Physician Assistant Program
Prerequisite Course Work

Course work should be completed within 10 years of application

Northwestern State University	
Chemistry – for science majors	**Required – 8 hours** ___ CHEM 1030 (3 hours) – General Chemistry ___ CHEM 1031 (1 hour) – General Chemistry Laboratory ___ CHEM 1040 (3 hours) – General Chemistry ___ CHEM 1041 (1 hour) – General Chemistry Laboratory
Microbiology – for science majors	**Required – 4 hours** ___ BIOL 2060 (3 hours) – Microbiology I ___ BIOL 2061 (1 hour) – Microbiology Laboratory I
Genetics – for science majors	**Required – 3 hours** ___ BIOL 2240 (4 hours) – Introductory Human Genetics **OR** ___ BIOL 3270 (3 hours) – Genetics
Anatomy and Physiology – for science majors	**Required – 8 hours** ___ BIOL 3310 (3 hours) – Human Anatomy and Physiology I ___ BIOL 3311 (1 hour) – Human Anatomy and Physiology Laboratory I ___ BIOL 3320 (3 hours) – Human Anatomy and Physiology II ___ BIOL 3321 (1 hour) – Human Anatomy and Physiology II Laboratory **OR** ___ BIOL 2080 (2 hours) – Comparative Anatomy ___ BIOL 2081 (2 hours(- Comparative Anatomy Laboratory ___ BIOL 4220 (3 hours) – Comparative Vertebrate Physiology ___ BIOL 4221 (1 hour) – Comparative Vertebrate Physiology Laboratory
Organic Chemistry OR Biochemistry – for science majors	**Required - 4 hours** ___ CHEM 4040 (3 hours) – General Biochemistry ___ CHEM 4041 (1 hour) – General Biochemistry Laboratory **OR** ___ BIOL 4350 (3 hours) – Biological Chemistry ___ BIOL 4351 (1 hour) – Biological Chemistry Laboratory **OR** ___ CHEM 3010 (3 hours) – Organic Chemistry ___ CHEM 3011 (2 hours) – Organic Chemistry Laboratory
Statistics	**Required – 3 hours** ___ MATH 2050 (3 hours) – Mathematics of Statistics
Math	**Required – 3 hours** ___ MATH 1020 (3 hours) – College Algebra **OR** ___ Other MATH courses higher than MATH 1020 can be substituted
Behavioral Sciences	**Required – 6 hours (any combination)** ___ PSYC 1010 (3 hours) – General Psychology

	___ PSYC 2050 (3 hours) – Developmental Psychology ___ PSYC 2250 (3 hours) – Psychology of Gender ___ PSYC 2450 (3 hours) – Personal Adjustment and Development ___ SOC 1010 (3hours) – Principles of Sociology ___ SOC 3230 (3 hours) – Sociology of Deviance ___ Other PSYC and SOCL courses can be substituted
Upper Level Biology Coursework	**Required - 8 hours** ___ BIOL 3020 (3 hours) – Pharmacology ___ BIOL 3170 (3 hours) – Histology ___ BIOL 3171 (2 hours) – Histology Laboratory ___ BIOL 3250 (3 hours) – Cell Biology ___ BIOL 3251 (1 hour) – Cell Biology Laboratory ___ BIOL 3270 (3 hours) – Genetics **This Genetics course may count as an upper level course if BIOL 2240 was taken to meet the Genetics pre-requisite as listed on page 1. ___ BIOL 3271 (1 hour) – Genetics Laboratory ___ BIOL 3290 (3 hours) – Epidemiology ___ BIOL 4190 (3 hours) – Immunology ___ BIOL 4191 (1 hour) – Immunology Laboratory ___ BIOL 4270 (3 hours) – Virology ___ BIOL 4280 (3 hours) – Pathophysiology ___ BIOL 4320 (3 hours) – Cancer Biology ** 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.**