

# 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	<b>Required – 8 hours</b> ___ 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	<b>Required – 4 hours</b> ___ BIOL 2060 (3 hours) – Microbiology I ___ BIOL 2061 (1 hour) – Microbiology Laboratory I
Genetics – for science majors	<b>Required – 3 hours</b> ___ BIOL 2240 (4 hours) – Introductory Human Genetics <b>OR</b> ___ BIOL 3270 (3 hours) – Genetics
Anatomy and Physiology – for science majors	<b>Required – 8 hours</b> ___ 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 <b>OR</b> ___ 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	<b>Required - 4 hours</b> ___ CHEM 4040 (3 hours) – General Biochemistry ___ CHEM 4041 (1 hour) – General Biochemistry Laboratory <b>OR</b> ___ BIOL 4350 (3 hours) – Biological Chemistry ___ BIOL 4351 (1 hour) – Biological Chemistry Laboratory <b>OR</b> ___ CHEM 3010 (3 hours) – Organic Chemistry ___ CHEM 3011 (2 hours) – Organic Chemistry Laboratory
Statistics	<b>Required – 3 hours</b> ___ MATH 2050 (3 hours) – Mathematics of Statistics
Math	<b>Required – 3 hours</b> ___ MATH 1020 (3 hours) – College Algebra <b>OR</b> ___ Other MATH courses higher than MATH 1020 can be substituted
Behavioral Sciences	<b>Required – 6 hours (any combination)</b> ___ PSYC 1010 (3 hours) – General Psychology

	<p>___ 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</p>
<p>Upper Level Biology Coursework</p>	<p><b>Required - 8 hours</b>          ___ 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</p> <p>** Note: This is <b>NOT</b> 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.**</p>