# LSUHSC – New Orleans Physician Assistant Program
# Prerequisite Course Work

**Course work should be completed within 10 years of application**

| Xavier University | |
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| Chemistry – for science majors | **Required – 8 hours**<br>___ CHEM 1010/1010D (3 hours) – General Chemistry I<br>___ CHEM 1011L (1 hour) – General Chemistry I Laboratory<br>___ CHEM 1020/1020D (3 hours) – General Chemistry II<br>___ CHEM 1021L (1 hour) – General Chemistry II Laboratory |
| Microbiology – for science majors | **Required – 4 hours**<br>___ BIOL 2010 (3 hours) – General Microbiology<br>___ BIOL 2010L (1 hour) – General Microbiology Laboratory |
| Genetics – for science majors | **Required – 3 hours**<br>___ BIOL 3110 (3 hours) – Genetics |
| Anatomy and Physiology – for science majors | **Required – 8 hours**<br>___ BIOL 3350 (3 hours) – Anatomy and Physiology<br>___ BIOL 3350L (1 hour) – Anatomy and Physiology Laboratory<br>___ BIOL 3351 (3 hours) – Anatomy and Physiology II<br>___ BIOL 3351L (1 hour) – Anatomy and Physiology II Laboratory<br>**OR**<br>___ BIOL 4050 (3 hours) – Animal Physiology<br>___ BIOL 4050L (1 hour) – Animal Physiology Laboratory<br>___ BIOL 4091 (3 hours) – Comparative Vertebrate Anatomy<br>___ BIOL 4091 (1 hour) – Comparative Vertebrate Anatomy Laboratory |
| Organic Chemistry OR Biochemistry – for science majors | **Required - 4 hours**<br>___ CHEM 3130 (3 hours) – Introduction to Biochemistry<br>___ CHEM 3130L (1 hour) – Introduction to Biochemistry Laboratory<br>**OR**<br>___ CHEM 2210/2210D (3 hours) – Organic Chemistry I<br>___ CHEM 2230L (1 hour) – Organic Chemistry I Laboratory |
| Statistics | **Required – 3 hours**<br>___ STAT 2010 (3 hours) – Statistical Methods I<br>**OR**<br>___ PSYC 2511 (3 hours) – Psychological Statistics<br>**OR**<br>___ MATH 1020 (3 hours) – Basic Statistics I |
| Math | **Required – 3 hours**<br>___ MATH 1030 (4 hours) – Pre-Calculus<br>**OR**<br>___ Other MATH courses higher than MATH 1030 can be substituted |
| Behavioral Sciences | **Required – 6 hours (any combination)**<br>___ PSYC 1010 (3 hours) – Introductory Psychology<br>___ PSYC 1012 (3 hours) – Human Development<br>___ PSYC 2050 (3 hours) – Health Psychology |

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| | ___ PSYC 2070 (3 hours) – Comparative and Evolutionary Psychology<br>___ PSYC 2110 (3 hours) – Human Sexuality<br>___ PSYC 2500 (3 hours) – Positive Psychology<br>___ PSYC 3020 (3 hours) – Child Psychology<br>___ PSYC 3025 (3 hours) – Adult Development and Aging<br>___ SOCI 1010 (3 hours) – Introduction to Sociology<br>___ SOCI 1011 (3 hours) – Global Social Change<br>___ SOCI 1015 (3 hours) – Popular Culture and Society<br>___ SOCI 2010 (3 hours) – Social Problems<br>___ SOCI 2040 (3 hours) – Sociology of Gender<br>___ SOCI 2050 (3 hours) – Sociology of Family<br>___ SOCI 2060 (3 hours) – Race and Ethnic Relations<br>**OR**<br>___ Other PSYC and SOCI courses can be substituted |
| Upper Level Biology Coursework | **Required - 8 hours**<br>___ BIOL 3070 (3 hours) – Immunology<br>___ BIOL 3070L (1 hour) – Immunology Laboratory<br>___ BIOL 3091 (3 hours) – Cell Biology<br>___ BIOL 3091L (1 hour) – Cell Biology Laboratory<br>___ BIOL 3141 (3 hours) – General Zoology<br>___ BIOL 3141L (1 hour) – General Zoology Laboratory<br>___ BIOL 3150 (3 hours) – Virology<br>___ BIOL 3151 (3 hours) – Introduction to Embryology<br>___ BIOL 3162L (1 ho9ur) – Introduction to Embryology Laboratory<br>___ BIOL 3300 (3 hours) – Introduction to Neuroscience<br>___ BIOL 3360 (3 hours) – Parasitology<br>___ BIOL 3360L (1 hour) – Parasitology Laboratory<br>___ BIOL 4050 (3 hours) – Animal Physiology<br>___ BIOL 4050L (1 hour) – Animal Physiology Laboratory<br>**The two physiology courses above may count as an upper level course if BIOL 3350/3350L and 3351/3351L were taken to meet the anatomy and physiology pre-requisite as listed on page 1.<br>___ BIOL 4091 (3 hours) – Comparative Vertebrate Anatomy<br>___ BIOL 4091 (1 hour) – Comparative Vertebrate Anatomy Laboratory<br>**The two anatomy courses above may count as an upper level course if BIOL 3350/3350L and 3351/3351L were taken to meet the anatomy and physiology pre-requisite as listed on page 1.<br>___ CHEM 3130 (3 hours) – Introduction to Biochemistry<br>___ CHEM 3130L (1 hour) – Introduction to Biochemistry<br>**The two biochemistry courses above may count as an upper level course if CHEM 2210/2210D and CHEM 2230L were taken to meet the organic chemistry pre-requisite as listed on page 1.<br>___ BIOL 4350 (3 hours) – Epidemiology<br>___ BIOL 4320 (3 hours) – Organic Evolution<br>** 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, |

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| | courses such as Ecology and Herpetology will not be accepted to meet this requirement.** |