

# LSUHSC – New Orleans Physician Assistant Program

## Prerequisite Course Work

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

| <b>University of Louisiana at Lafayette</b>            |  |
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| Chemistry – for science majors                         | <b>Required – 8 hours</b><br>___ CHEM 107 (3 hours) – General Chemistry I<br>___ CHEM 108 (3 hours) – General Chemistry II<br>___ CHEM 115 (2 hours) – General Chemistry Laboratory  |
| Microbiology – for science majors                      | <b>Required – 4 hours</b><br>___ BIOL 261 (3 hours) – General Microbiology<br><b>AND one of the below:</b><br>___ BIOL 263 (2 hours) – General Microbiology Laboratory<br>___ BIOL 264 (1 hour) – Microbiology Laboratory  |
| Genetics – for science majors                          | <b>Required – 3 hours</b><br>___ BIOL 233 (3 hours) – Genetics and Evolution   |
| Anatomy and Physiology – for science majors            | <b>Required – 8 hours</b><br>___ BIOL 220 (3 hours) – Survey of Human Anatomy and Physiology<br>___ BIOL 221 (1 hour) – Survey of Human Anatomy and Physiology Laboratory<br>___ BIOL 318 (4 hours) – Advanced Human Anatomy and Physiology  |
| Organic Chemistry OR Biochemistry – for science majors | <b>Required - 4 hours</b><br>___ CHEM 317 (3 hours) – Biochemistry I<br>___ CHEM 319 (2 hours) – Biochemistry Laboratory<br><b>OR</b><br>___ CHEM 231 (3 hours) – Organic Chemistry I<br>___ CHEM 233 (1 hour) – Organic Chemistry I Laboratory  |
| Statistics   | <b>Required – 3 hours</b><br>___ STAT 214 (3 hours) – Elementary Statistics<br><b>OR</b><br>___ STAT 325 (3 hours) – Introduction to Statistics  |
| Math   | <b>Required – 3 hours</b><br>___ MATH 105 (3 hours) – College Algebra<br><b>OR</b><br>___ Other MATH courses higher than MATH 105 can be substituted   |
| Behavioral Sciences                                    | <b>Required – 6 hours (any combination)</b><br>___ PSYC 110 (3 hours) – Introduction to Psychology<br>___ PSYC 115 (3 hours) – Honors General Psychology<br>___ PSYC 209 (3 hours) – General Psychology I<br>___ PSYC 210 (3 hours) – General Psychology II<br>___ PSYC 300 (3 hours) – Psychology of Adjustment<br>___ PSYC 311 (3 hours) – Child Psychology<br>___ PSYC 312 (3 hours) – Adolescent Psychology<br>___ SOCL 100 (3 hours) – General Sociology<br>___ SOCL 350 (3 hours) – Sociology of Deviance<br>___ SOCL 354 (3 hours) – Sociology of Sex and Sexualities |

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|                                | <p>___ SOCL 380 (3 hours) – Sociology of Disability<br/> <b>OR</b><br/> ___ Other PSYC and SOCL courses can be substituted</p>  |
| Upper Level Biology Coursework | <p><b>Required - 8 hours</b><br/> ___ BIOL 303 (3 hours) – Sociobiology<br/> ___ BIOL 310 (3 hours) – Vertebrate Endocrinology<br/> ___ BIOL 311 (1 hour) – Vertebrate Endocrinology Laboratory<br/> ___ BIOL 325 (4 hours) – General Physiology<br/> ___ BIOL 326 (3 hours) – Microbial Physiology and Genetics<br/> ___ BIOL 337 (3 hours) – Genetics of Human Disease<br/> ___ CHEM 317 (3 hours) – Biochemistry I<br/> **This biochemistry course may count as an upper level course if CHEM 231 and CHEM 233 were taken to meet the organic chemistry pre-requisite as listed on page 1.<br/> ___ BIOL 345 (3 hours) – Animal Behavior<br/> ___ BIOL 351 (3 hours) – Parasitology<br/> ___ BIOL 354 (3 hours) – Pathogenic Microbiology<br/> ___ BIOL 356 (2 hours) – Pathogenic Microbiology Laboratory<br/> ___ BIOL 403 (3 hours) – Virology<br/> ___ BIOL 434 (4 hours) - Histology<br/> ** 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> |