

# LSUHSC – New Orleans Physician Assistant Program

## Prerequisite Course Work

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

Tulane University	
Chemistry – for science majors	<b>Required – 8 hours</b> ___ CHEM 1070 (3 hours) – General Chemistry I ___ CHEM 1075 (1 hour) – General Chemistry I Laboratory ___ CHEM 1080 (3 hours) – General Chemistry II ___ CHEM 1085 (1 hour) – General Chemistry II Laboratory
Microbiology – for science majors	<b>Required – 4 hours</b> ___ CELL 4220 (3 hours) – Microbiology ___ CELL 4225 (1 hour) – Microbiology Laboratory <b>OR (as offered through Loyola University)</b> ___ BIOL A300 (3 hours) – Microbiology ___ BIOL A301 (1 hour) – Microbiology Laboratory
Genetics – for science majors	<b>Required – 3 hours</b> ___ CELL 2050 (3 hours) – Genetics
Anatomy and Physiology – for science majors	<b>Required – 8 hours</b> ___ SCEN 3030 (3 hours) – Anatomy and Physiology I ___ SCEN 3035 (1 hour) - Anatomy and Physiology I Laboratory ___ SCEN 3040 (3 hours) – Anatomy and Physiology II ___ SCEN 3045 (1 hour) – Anatomy and Physiology II Laboratory
Organic Chemistry OR Biochemistry – for science majors	<b>Required - 4 hours</b> ___ CHEM 3830 (3 hours) – Intro to Biochemistry ___ CHEM 3835 (2 hours) – Intro to Biochemistry Laboratory <b>OR</b> ___ CHEM 2410 (3 hours) – Organic Chemistry I ___ CHEM 2415 (1 hour) – Organic Chemistry I Laboratory
Statistics	<b>Required – 3 hours</b> ___ MATH 1110 (3 hours) – Probability and Statistics I <b>OR</b> ___ MATH 1230 (4 hours) – Statistics for Scientists <b>OR</b> ___ SPHU 3160 (3 hours) – Biostatistics in Public Health
Math	<b>Required – 3 hours</b> ___ MATH 1150 (3 hours) – Long Calculus <b>OR</b> ___ Any other MATH course can be substituted.
Behavioral Sciences	<b>Required – 6 hours (any combination)</b> ___ PSYC 1000 (3 hours) – Introductory Psychology ___ PSYC 1800 (3 hours) – Special Topics in Psychology ___ PSYC 3010 (3 hours) – Introduction to Personality ___ PSYC 3200 (3 hours) – Educational Psychology ___ PSYC 3210 (3 hours) – Child Psychology ___ PSYC 3300 (3 hours) – Brain and Behavior ___ PSYC 3310 (3 hours) – Introduction to African-American Psychology

	<p>___ PSYC 3330 (3 hours) – Abnormal Psychology          ___ PSYC 3430 (3 hours) – Introduction to Social Psychology          ___ SOCI 1030 (3 hours) – Sociology of the Family          ___ SOCI 1040 (3 hours) – Gender and Society          ___ SOCI 1050 (3 hours) – Introduction to Education and Society          ___ SOCI 1060 (3 hours) – Urban Sociology          ___ SOCI 1090 (3 hours) – Social Problems          ___ SOCI 1080 (3 hours) – Deviant Behavior  <b>OR</b>          ___ Other PSYC and SOCI courses can be substituted</p>
Upper Level Biology Coursework	<p><b>Required - 8 hours</b>          ___ CELL 3030 (3 hours) – Molecular Biology          ___ CELL 3035 (1 hour) – Molecular Biology Laboratory          ___ CELL 3050 (3 hours) – Foundations of Pharmacology          ___ CELL 3210 (3 hours) – Cellular Physiology          ___ CELL 3310 (3 hours) – Cellular Neuroscience          ___ CELL 3315 (1 hour) – Cellular Neuroscience Laboratory          ___ CELL 3320 (3 hours) – Systems Neuroscience          ___ CELL 3325 (3 hours) – Neuroanatomy Laboratory          ___ CELL 3400 (3 hours) – The Biology of Regeneration          ___ CELL 3560 (3 hours) – Fundamentals of Pathophysiology          ___ CELL 3750 (3 hours) – Cell Biology          ___ CELL 3755 (1 hour) – Cell Biology Laboratory          ___ CELL 4010 (3 hours) – Cellular Biochemistry          ___ CELL 4110 (4 hours) – Cells and Tissues          ___ CELL 4130 (3 hours) – Embryology          ___ CELL 4160 (3 hours) – Developmental Biology          ___ CELL 4200 (3 hours) – General Endocrinology          ___ CELL 4340 (3 hours) – Neurobiology of Disease          ___ CELL 4350 (3 hours) – Developmental Neurobiology          ___ CELL 4370 (3 hours) – Molecular Neurobiology          ___ CELL 4710 (3 hours) – The Molecular Biology of Cancer          ___ CELL 4780 (3 hours) – Developmental Genetics          ** 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>