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	**Required – 8 hours** ___ 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	**Required – 4 hours** ___ CELL 4220 (3 hours) – Microbiology ___ CELL 4225 (1 hour) – Microbiology Laboratory **OR (as offered through Loyola University)** ___ BIOL A300 (3 hours) – Microbiology ___ BIOL A301 (1 hour) – Microbiology Laboratory
Genetics – for science majors	**Required – 3 hours** ___ CELL 2050 (3 hours) – Genetics
Anatomy and Physiology – for science majors	**Required – 8 hours** ___ 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	**Required - 4 hours** ___ CHEM 3830 (3 hours) – Intro to Biochemistry ___ CHEM 3835 (2 hours) – Intro to Biochemistry Laboratory **OR** ___ CHEM 2410 (3 hours) – Organic Chemistry I ___ CHEM 2415 (1 hour) – Organic Chemistry I Laboratory
Statistics	**Required – 3 hours** ___ MATH 1110 (3 hours) – Probability and Statistics I **OR** ___ MATH 1230 (4 hours) – Statistics for Scientists **OR** ___ SPHU 3160 (3 hours) – Biostatistics in Public Health
Math	**Required – 3 hours** ___ MATH 1150 (3 hours) – Long Calculus **OR** ___ Any other MATH course can be substituted.
Behavioral Sciences	**Required – 6 hours (any combination)** ___ 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

	___ 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 **OR** ___ Other PSYC and SOCI courses can be substituted
Upper Level Biology Coursework	**Required - 8 hours** ___ 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 **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.**