LSUHSC – New Orleans Physician Assistant Program
Prerequisite Course Work

Course work should be completed within 10 years of application

University of New Orleans	
Chemistry – for science majors	**Required – 8 hours** ___ CHEM 1017 (3 hours) – General Chemistry I ___ CHEM 1007 (1 hour) – General Chemistry I Laboratory ___ CHEM 1018 (3 hours) – General Chemistry II CHEM 1008 (1 hour) – General Chemistry II Laboratory
Microbiology – for science majors	**Required – 4 hours** ___ BIOS 2743 (3 hours) – Microbiology & Human Disease ___ BIO 2741 (1 hour) – Microbiology & Human Disease Laboratory **OR** BIOS 4713 (3 hours) – Advanced Microbiology
Genetics – for science majors	**Required – 3 hours** BIOS 3453 (3 hours) – Genetics
Anatomy and Physiology – for science majors	**Required – 8 hours** ___ BIOS 1303 (3 hours) – Human Anatomy and Physiology I ___ BIOS 1301 (1 hour) - Human Anatomy and Physiology I Laboratory ___ BIOS 1313 (3 hours) – Human Anatomy and Physiology II ___ BIOS 1311 (1 hour) – Human Anatomy and Physiology II Laboratory
Organic Chemistry OR Biochemistry – for science majors	**Required - 4 hours** ___ CHEM 4510 (3 hours) – Biochemistry I **OR** ___ BIOS 4103 (3 hours) – Biochemistry I **OR** ___ CHEM 2217 (3 hours) – Organic Chemistry I CHEM 2017 (1 hour) – Organic Synthesis I Laboratory
Statistics	**Required – 3 hours** ___ MATH 2314 (3 hours) – Elementary Statistical Methods OR ___ PSYC 2310 (3 hours) – Introduction to Statistics for Behavioral Science
Math	**Required – 3 hours** ___ MATH 1115 (3 hours) – College Algebra **OR** ___ Other MATH courses higher than MATH 1115 can be substituted
Behavioral Sciences	**Required – 6 hours (any combination)** ___ PSYC 1000 (3 hours) – General Psychology ___ PSYC 1500 (3 hours) – Psychology of Personal Adjustment ___ PSYC 1520 (3 hours) – Human Sexual Behavior ___ PSYC 2100 (3 hours) – Lifespan Developmental Psychology PSYC 2110 (3 hours) – Child Psychology

	___ PSYC 2120 (3 hours) – Adolescent Psychology ___ PSYC 2340 (3 hours) – Motivation and Emotion ___ PSYC 2380 (3 hours) – Psychology of Cognition ___ SOC 1051 (3 hours) – Introductory Sociology ___ SOC 2273 (3 hours) – Society and the Person ___ SOC 2871 (3 hours) – The Environment as a Social Problem ___ SOC 2994 (3 hours) – Multiculturalism and Diversity in the U.S. Society **OR** Other PSYC and SOCL courses can be substituted
Upper-Level Biology Coursework	**Required - 8 hours** ___ BIOS 3113 (3 hours) – Immunology ___ BIOS 3284 (3 hours) – Histology and Cytology ___ BIOS 3354 (4 hours) – Vertebrate Physiology ___ BIOS 3373 (3 hours) – Neurobiology ___ BIOS 4103 (3 hours) – Biochemistry I **This biochemistry course may count as an upper-level course if CHEM 2217 and CHEM 2017 were taken to meet the organic chemistry pre-requisite as listed on page 1. ___ BIOS 4113 (3 hours) – Biochemistry II ___ CHEM 4510 (3 hours) – Biochemistry I **This biochemistry course may count as an upper-level course if CHEM 2217 and CHEM 2017 were taken to meet the organic chemistry pre-requisite as listed on page 1. ___ BIOS 4153 (3 hours) – Molecular Biology ___ BIOS 4114 (4 hours) – Biochemistry and Molecular Biology Laboratory ___ BIOS 4314 (4 hours) – Comparative Vertebrate Anatomy **This anatomy course may count as an upper-level course if BIOS 1303, 1301, 1313, and 1311 were taken to meet the anatomy pre-requisite as listed on page 1. ___ BIOS 4353 (3 hours) – Comparative Animal Physiology **This physiology course may count as an upper-level course if BIOS 1303, 1301, 1313, and 1311 were taken to meet the pre-requisite as listed on page 1. ___ BIOS 4413 (3 hours) – Developmental Biology ___ BIOS 4713 (3 hours) – Advanced Microbiology **This microbiology course may count as an upper-level course if BIOS 2743 and BIOS 2741 were taken to meet the microbiology pre-requisite as listed on page 1. ___ BIOS 4723 (3 hours) - Virology ** 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.**