LSUHSC – New Orleans Physician Assistant Program
Prerequisite Course Work

Course work should be completed within 10 years of application

Louisiana Tech University	
Chemistry – for science majors	**Required – 8 hours** ___ CHEM 1002 (2 hours) – General Chemistry ___ CHEM 1012 (2 hours) – General Chemistry ___ CHEM 1022 (2 hours) – General Chemistry ___ CHEM 1031 (1 hour) – General Chemistry Laboratory ___ CHEM 1041 (1 hour) – General Chemistry Laboratory
Microbiology – for science majors	**Required – 4 hours** ___ BISC 2613 (4 hours) – Microbiology
Genetics – for science majors	**Required – 3 hours** ___ BISC 3103 (3 hours) – Genetics
Anatomy and Physiology – for science majors	**Required – 8 hours** ___ BISC 2253 (3 hours) – Human Anatomy and Physiology I ___ BISC 2263 (1 hour) – Human Anatomy and Physiology I Laboratory ___ BISC 2273 (3 hours) – Human Anatomy and Physiology II ___ BISC 2283 (1 hour) – Human Anatomy and Physiology II Laboratory
Organic Chemistry OR Biochemistry – for science majors	**Required - 4 hours** ___ CHEM 3513 (3 hours) – Biochemistry I ___ CHEM 3531 (1 hour) – Biochemistry Laboratory **OR** ___ CHEM 2502 (2 hours) – Organic Chemistry ___ CHEM 2512 (2 hours) – Organic Chemistry ___ CHEM 2531 (1 hour) – Organic Chemistry Laboratory
Statistics	**Required – 3 hours** __STAT 2003 (3 hours) – Basic Statistics OR ___ AGSC 3203 (3 hours) – Statistical Methods
Math	**Required – 3 hours** ___ MATH 1013 (3 hours) – College Algebra **OR** ___ Other MATH courses higher than MATH 101 can be substituted
Behavioral Sciences	**Required – 6 hours (any combination)** ___ PSYC 1023 (3 hours) – General Psychology ___ PSYC 2023 (3 hours) – Advanced General Psychology ___ PSYC 2043 (3 hours) – Educational Psychology ___ PSYC 2053 (3 hours) – Child Psychology ___ PSYC 2063 (3 hours) – Adolescent Psychology ___ PSYC 2073 (3 hours) – Learning and Development ___ PSYC 2183 (3 hours) – Fundamentals pf Abnormal Psychology ___ SOC 2013 (3 hours) – Introduction to Sociology ___ SOC 2023 (3 hours) – Social Problems ___ SOC 2803 (3 hours) – Sociology o9f Religion

	___ SOC 3083 (3 hours) – The Family **OR** ___ Other PSYC and SOC courses can be substituted
Upper Level Biology Coursework	**Required - 8 hours** ___ BISC 3153 (3 hours) – Cell Biology ___ BISC 3203 (3 hours) – Animal Physiology ___ BISC 3413 (3 hours) – Hematology ___ BISC 3433 (4 hours) – Medical Microbiology and Immunology ___ BISC 3443 (4 hours) – Clinical Chemistry and Toxicology ___ BISC 3603 (3 hours) – Biological Problems ___ BISC 4023 (3 hours) – Immunology ___ BISC 4073 (3 hours) – Histology ___ BISC 4083 (3 hours) – Bacterial Genetics ___ BISC 4093 (3 hours) – Virology ___ BISC 4103 (3 hours) – Advanced Genetics ___ BISC 4113 (3 hours) – Developmental Biology ___ BISC 4633 (3 hours) – Cancer Biology ___ CHEM 3513 (3 hours) – Biochemistry I ___ CHEM 3531 (1 hour) – Biochemistry Laboratory **This biochemistry course may count as an upper level course if CHEM 250, 251, 253 were taken to meet the organic chemistry pre-requisite as listed on page 1. ** 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.**