LSUHSC – New Orleans Physician Assistant Program
Prerequisite Course Work

Course work should be completed within 10 years of application

McNeese State University	
Chemistry – for science majors	**Required – 8 hours** ___ CHEM 101 (4 hours) – General Chemistry I ___ CHEM 103L (1 hour) – General Chemistry I Laboratory ___ CHEM 102 (4 hours) – General Chemistry II ___ CHEM 104 (1 hour) – General Chemistry II Laboratory
Microbiology – for science majors	**Required – 4 hours** ___ BIOL 211 (4 hours) – Introductory Microbiology
Genetics – for science majors	**Required – 3 hours** ___ BIOL 315 (3 hours) – Introductory Genetics
Anatomy and Physiology – for science majors	**Required – 8 hours** ___ BIOL 225 (4 hours) – Human Anatomy and Physiology I ___ BIOL 226 (4 hours) – Human Anatomy and Physiology II **OR** ___ BIOL 250 (4 hours) – Comparative Anatomy of Vertebrates ___ BIOL 321 (4 hours) – General Physiology
Organic Chemistry OR Biochemistry – for science majors	**Required - 4 hours** ___ CHEM 421 (3 hours) – Biochemistry I ___ CHEM 421L (1 hour) – Biochemistry I Laboratory **OR** ___ CHEM 301 (3 hours) – Organic Chemistry I ___ CHEM 301L (1 hour) – Organic Chemistry I Laboratory
Statistics	**Required – 3 hours** ___ STAT 231 (3 hours) – Elementary Probability and Statistical Inference **OR** ___ MATH 332 (3 hours) – Statistical Methods
Math	**Required – 3 hours** ___ MATH 170 (3 hours) – Pre-Calculus College Algebra **OR** ___ Other MATH courses higher than MATH 170 can be substituted
Behavioral Sciences	**Required – 6 hours (any combination)** ___ PSYC 101 (3 hours) – Introduction to Psychology ___ PSYC 211 (3 hours) – Educational Psychology ___ PSYC 233 (3 hours) – Psychology of Human Development ___ PSYC 305 (3 hours) – Psychology of Learning ___ PSYC 260 (3 hours) – Child Psychology ___ PSYC 261 (3 hours) – Adolescent Psychology ___ SOCL 201 (3 hours) – Introductory Sociology ___ SOCL 211 (3 hours) – Social Problems ___ SOCL 311 (3 hours) – The Family ___ SOCL 352 (3 hours) – Death and Dying **OR** ___ Other PSYC and SOCL courses can be substituted

Upper Level Biology Coursework	**Required - 8 hours** ___ BIOL 339 (3 hours) – Evolution ___ BIOL 401 (4 hours) – Molecular Biology ___ BIOL 405 (4 hours) – Parasitology ___ BIOL 407 (4 hours) – Histology ___ BIOL 414 (3 hours) – Cell Biology ___ BIOL 434 (3 hours) – Immunology ___ BIOL 463 (4 hours) – Emerging Diseases and Medical Virology ___ CHEM 421 (3 hours) – Biochemistry I ___ CHEM 421L (1 hour) – Biochemistry I Laboratory **The above biochemistry courses may count as an upper level course if CHEM 301 and CHEM 301L 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.**