LSUHSC – New Orleans Physician Assistant Program
Prerequisite Course Work

Course work should be completed within 10 years of application

Louisiana State University – Baton Rouge	
Chemistry – for science majors	**Required – 8 hours** ___ CHEM 1201 (3 hours) – General Chemistry I ___ CHEM 1202 (3 hours) – General Chemistry II ___ CHEM 1212 (2 hours) – General Chemistry Laboratory
Microbiology – for science majors	**Required – 4 hours** ___ BIOL 2051 (4 hours) – General Microbiology
Genetics – for science majors	**Required – 3 hours** ___ BIOL 2153 (4 hours) – Principles of Genetics **OR** ___ BIOL 4246 (3 hours) – Microbial Genetics
Anatomy – for science majors	**Required – 4 hours** ___ BIOL 3152 (4 hours) - Comparative Anatomy of the Vertebrates **OR** ___ KIN 2500 (3 hours) – Human Anatomy **MUST HAVE ONE OF THE BELOW WITH KIN 2500:** ___ KIN 3500 (1 hour) – Human Anatomy Laboratory ___ KIN 3519 (1 hour) – Cadaver Prosection ___ KIN 4519 (3 hours) – Cadaver Resection
Physiology – for science majors	**Required – 4 hours** ___ BIOL 2160 (3 hours) – Human Physiology **OR** ___ BIOL 4160 (3 hours) – Vertebrate Physiology ___ BIOL 4161 (1 hour) – Vertebrate Physiology Laboratory
Organic Chemistry OR Biochemistry – for science majors	**Required - 4 hours** ___ BIOL 4087 (4 hours) – Basic Biochemistry **OR** ___ CHEM 2261 (3 hours) – Organic Chemistry ___ CHEM 2364 (2 hours) – Organic Chemistry Laboratory
Statistics	**Required – 3 hours** ___ EXST 2201 (4 hours) - Introduction to Statistical Analysis **OR** ___ SOCL 2201 (4 hours) - Introduction to Statistical Analysis **OR** ___ PSYC 2016 (4 hours) – Statistics for the Behavioral Sciences
Math	**Required – 3 hours** ___ MATH 1021 (3 hours) – College Algebra **OR** ___ Other MATH courses higher than MATH 1021 can be substituted
Behavioral Sciences	**Required – 6 hours (any combination)** ___ PSYC 2000 (3 hours) – Introduction to Psychology ___ PSYC 2070 (3 hours) – Developmental Psychology of the Lifespan

	___ PSYC 4070 (3 hours) – Developmental Psychology ___ SOCL 2001 (3 hours) – Introductory Sociology ___ Other PSYC and SOCL courses can be substituted
Upper Level Biology Coursework	**Required - 8 hours** ___ BIOL 3040 (3 hours) – Evolution ___ BIOL 3041 (1 hour) – Evolution Laboratory ___ BIOL 3090 (3 hours) – Cell Biology ___ BIOL 3156 (4 hours) – Developmental Zoology ___ BIOL 4087 (4 hours) – Basic Biochemistry **This Biochemistry course may count as an upper level course if CHEM 2261 and CHEM 2364 were taken to meet the Organic Chemistry pre-requisite as listed on page 1. ___ BIOL 4093 (3 hours) – General Biochemistry I ___ BIOL 4094 (3 hours) – General Biochemistry II ___ BIOL 4104 (4 hours) – Histology ___ BIOL 4105 (3 hours) – Parasitology ___ BIOL 4106 (1 hour) – Parasitology Laboratory ___ BIOL 4123 (3 hours) – Immunology ___ BIOL 4124 (3 hours) – Microbial Pathogens ___ BIOL 4127 (3 hours) – Immunopathogenic Laboratory ___ BIOL 4132 (3 hours) - Eukaryotic Molecular Genetics ___ BIOL 4158 (3 hours) – Endocrinology ___ BIOL 4159 (3 hours) – Human Disease ___ BIOL 4170 (3 hours) – Comparative Animal Physiology ___ BIOL 4190 (3 hours) – Introductory Virology ___ BIOL 4215 (3 hours) – Molecular Biology of Bacterial Disease ___ BIOL 4246 (3 hours) – Microbial Genetics **This Genetics course may count as an upper level course if BIOL 2153 was taken to meet the Genetics pre-requisite as listed on page 1. ___ BIOL 4753 (3 hours) – Human Molecular 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.**