

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

	<p>___ PSYC 4070 (3 hours) – Developmental Psychology ___ SOCL 2001 (3 hours) – Introductory Sociology ___ Other PSYC and SOCL courses can be substituted</p>
Upper Level Biology Coursework	<p>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</p> <p>** 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.**</p>