LSUHSC – New Orleans Physician Assistant Program
Prerequisite Course Work

Course work should be completed within 10 years of application

University of Louisiana at Monroe	
Chemistry – for science majors	**Required – 8 hours** ___ CHEM 1007 (3 hours) – General Chemistry I ___ CHEM 1009 (1 hour) – General Chemistry I Laboratory ___ CHEM 1008 (3 hours) – General Chemistry II ___ CHEM 1010 (1 hour) – General Chemistry Laboratory
Microbiology – for science majors	**Required – 4 hours** ___ BIOL 2014 (3 hours) – Introductory Microbiology ___ BIOL 2015 (1 hour) – Introductory Microbiology Laboratory
Genetics – for science majors	**Required – 3 hours** ___ BIOL 3005 (3 hours) – Genetics
Anatomy – for science majors	**Required – 8 hours** ___ BIOL 2040 (3 hours) – Human Anatomy ___ BIOL 2041 (1 hour) – Human Anatomy Laboratory **OR** ___ BIOL 3016 (4 hours) – Comparative Anatomy
Physiology – for science majors	**Required – 4 hours** ___ BIOL 3010 (3 hours) – Human Physiology ___ BIOL 3013 (1 hour) – Human Physiology Laboratory **OR** ___ BIOL4008 (3 hours) – Cellular Physiology ___ BIOL 4009 (1 hour) – Cellular Physiology Laboratory
Organic Chemistry OR Biochemistry – for science majors	**Required - 4 hours** ___ CHEM 3050 (3 hours) – Biochemistry I ___ CHEM 3051 (1 hour) – Biochemistry Laboratory **OR** ___ CHEM 2030 (3 hours) – Organic Chemistry I ___ CHEM 2031 (1 hour) – Organic Chemistry I Laboratory
Statistics	**Required – 3 hours** ___ MATH 3003 (3 hours) – Mathematical Statistics **OR** ___ MATH 1016 (3 hours) – Elementary Statistics **OR** ___ PSYC 4039 (3 hours) – Statistics
Math	**Required – 3 hours** ___ MATH 1011 (3 hours) – College Algebra **OR** ___ Other MATH courses higher than MATH 1011 can be substituted
Behavioral Sciences	**Required – 6 hours (any combination)** ___ PSYC 2001 (3 hours) – Introduction to Psychology ___ PSYC 2005 (3 hours) – Adolescent Psychology ___ PSYC 2003 (3 hours) – Child Psychology ___ PSYC 2078 (3 hours) – Developmental Psychology

	___ SOCL 1001 (3 hours) – Introduction to Sociology ___ SOCL 2003 (3 hours) – Social Problems ___ SOCL 2026 (3 hours) – Perspectives on Aging **OR** ___ Other PSYC and SOCL courses can be substituted
Upper Level Biology Coursework	**Required - 8 hours** ___ BIOL 4070 (3 hours) – Immunology – Concepts and Principles ___ BIOL 4008 (3 hours) – Cellular Physiology **This physiology course may count as an upper level course if BIOL 3010 and BIOL 3013 were taken to meet the physiology pre-requisite as listed on page 1. ___ BIOL 4009 (1 hour) – Cellular Physiology Laboratory **This physiology course may count as an upper level course if BIOL 3010 and BIOL 3013 were taken to meet the physiology pre-requisite as listed on page 1. ___ BIOL 4060 (3 hours) – Pathogenic Bacteriology ___ BIOL 3032 (4 hours) – Vertebrate Zoology ___ BIOL 4111 (3 hours) – Genetics and Society ___ BIOL 4112 (3 hours) – Microbes and Man ___ BIOL 4114 (3 credits) – Science, Biology and Evolution ___ BIOL 4017 (3 hours) – Developmental Biology ___ BIOL 4018 – (1 hour) – Developmental Biology Laboratory ___ BIOL 4019 (3 hours) – Advanced Concepts in Genetics and Molecular Biology ___ BIOL 4022 (4 hours) – Histology ___ BIOL 4025 (3 hours) – Neurology ___ BIOL 4026 (1 hour) – Neurology Laboratory ___ BIOL 4072 (3 hours) – Introductory Parasitology ___ BIOL 4073 (1 hour) – Introductory Parasitology Laboratory ___ BIOL 4068 (3 hours) – General Virology ___ BIOL 4069 (1 hour) – General Virology Laboratory ** 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.**