LSUHSC – New Orleans Physician Assistant Program
Prerequisite Course Work

Course work should be completed within 10 years of application

Southeastern Louisiana University	
Chemistry – for science majors	**Required – 8 hours** ___ CHEM 121 (3 hours) – General Chemistry I ___ CLAB 123 (1 hour) – General Chemistry I Laboratory ___ CHEM 122 (3 hours) – General Chemistry II ___ CLAB 124 (1 hour) – General Chemistry II Laboratory
Microbiology – for science majors	**Required – 4 hours** ___ MIC 205 (3 hours) – General Microbiology ___ MICL 207 (1 hour) – General Microbiology Laboratory
Genetics – for science majors	**Required – 3 hours** ___ GBIO 312 (3 hours) – Genetics
Anatomy and Physiology – for science majors	**Required – 8 hours** ___ ZOO 250 (3 hours) – Human Anatomy and Physiology I ___ ZOO 252 (1 hour) – Human Anatomy and Physiology I Laboratory ___ ZOO 251 (3 hours) – Human Anatomy and Physiology II ___ ZOO 253 (1 hour) – Human Anatomy and Physiology II Laboratory **OR** ___ ZOO 302 (4 hours) – Comparative Anatomy of Vertebrates ___ ZOO 241 (4 hours) – Human Physiology
Organic Chemistry OR Biochemistry – for science majors	**Required - 4 hours** ___ CHEM 481 (3 hours) – Biochemistry I ___ CHEM 485 (1 hour) – Biochemistry I Laboratory **OR** ___ CHEM 581 (3 hours) – Biochemistry I ___ CHEM 586 (1 hour) – Biochemistry I Laboratory **OR** ___ CHEM 265 (3 hours) – General Organic Chemistry I ___ CLAB 267 (1 hour) – General Organic Chemistry I Laboratory
Statistics	**Required – 3 hours** ___ MATH 241 (3 hours) – Elementary Statistics **OR** ___ MATH 380 (3 hours) – Mathematical Statistics **OR** ___ GBIO 377 (4 hours) – Applied Statistics
Math	**Required – 3 hours** ___ MATH 161 (3 hours) – College Algebra **OR** ___ Other MATH courses higher than MATH 161 can be substituted
Behavioral Sciences	**Required – 6 hours (any combination)** ___ PSYC 101 (3 hours) – General Psychology I ___ PSYC 102 (3 hours) – General Psychology II ___ PSYC 210 (3 hours) – Social Psychology

	___ PSYC 282 (3 hours) – Special Topics in Psychology ___ PSYC 285 (3 hours) – Psychology of Developing Disabilities ___ SOCL 101 (3 hours) – Introduction to Sociology ___ SOCL 212 (3 hours) – Social Problems ___ SOCL 215 (3 hours) – Sociology and Sexuality ___ SOCL 222 (3 hours) – Marriage and Family **OR** ___ Other PSYC and SOCL courses can be substituted
Upper Level Biology Coursework	**Required - 8 hours** ___ GBIO 405 (4 hours) – Evolutionary Biology ___ GBIO 505 (4 hours) – Evolutionary Biology ___ GBIO 652 (4 hours) – Molecular Biology ___ ZOO 331 (4 hours) – Embryology ___ ZOO 332 (4 hours) – Animal Histology ___ CHEM 481 (3 hours) – Biochemistry **This biochemistry course may count as an upper level course if CHEM 261 and CLAB 267 were taken to meet the organic chemistry pre-requisite as listed on page 1. ___ CHEM 581 (3 hours) – Biochemistry I **This biochemistry course may count as an upper level course if CHEM 261 and CLAB 267 were taken to meet the organic chemistry pre-requisite as listed on page 1. ___ ZOO 392 (4 hours) – Animal Physiology ___ ZOO 438 (4 hours) – Mammalogy ___ ZOO 455 (4 hours) – Medical Parasitology ___ ZOO 471 (4 hours) – Comparative Endocrinology ___ ZOO 475 (4 hours) – Animal Behavior ___ ZOO 488 (3 hours) – Cytology ___ ZOO 499 (4 hours) – Neurobiology ___ ZOO 555 (4 hours) – Medical Parasitology ___ ZOO 635 (4 hours) - Endocrinology ** 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.**