

# 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	<b>Required – 8 hours</b> ___ 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	<b>Required – 4 hours</b> ___ MIC 205 (3 hours) – General Microbiology ___ MICL 207 (1 hour) – General Microbiology Laboratory
Genetics – for science majors	<b>Required – 3 hours</b> ___ GBIO 312 (3 hours) – Genetics
Anatomy and Physiology – for science majors	<b>Required – 8 hours</b> ___ 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 <b>OR</b> ___ ZOO 302 (4 hours) – Comparative Anatomy of Vertebrates ___ ZOO 241 (4 hours) – Human Physiology
Organic Chemistry OR Biochemistry – for science majors	<b>Required - 4 hours</b> ___ CHEM 481 (3 hours) – Biochemistry I ___ CHEM 485 (1 hour) – Biochemistry I Laboratory <b>OR</b> ___ CHEM 581 (3 hours) – Biochemistry I ___ CHEM 586 (1 hour) – Biochemistry I Laboratory <b>OR</b> ___ CHEM 261 (3 hours) – General Organic Chemistry I ___ CLAB 267 (1 hour) – General Organic Chemistry I Laboratory
Statistics	<b>Required – 3 hours</b> ___ MATH 241 (3 hours) – Elementary Statistics <b>OR</b> ___ MATH 380 (3 hours) – Mathematical Statistics <b>OR</b> ___ GBIO 377 (4 hours) – Applied Statistics
Math	<b>Required – 3 hours</b> ___ MATH 161 (3 hours) – College Algebra <b>OR</b> ___ Other MATH courses higher than MATH 161 can be substituted
Behavioral Sciences	<b>Required – 6 hours (any combination)</b> ___ PSYC 101 (3 hours) – General Psychology I ___ PSYC 102 (3 hours) – General Psychology II ___ PSYC 210 (3 hours) – Social Psychology

	<p>___ 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</p> <p><b>OR</b></p> <p>___ Other PSYC and SOCL courses can be substituted</p>
Upper Level Biology Coursework	<p><b>Required - 8 hours</b></p> <p>___ 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</p> <p>**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.</p> <p>___ CHEM 581 (3 hours) – Biochemistry I</p> <p>**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.</p> <p>___ 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</p> <p>** Note: This is <b>NOT</b> 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>