

LSUHSC – New Orleans Physician Assistant Program

Prerequisite Course Work

Course work should be completed within 10 years of application

Louisiana Tech University	
Chemistry – for science majors	Required – 8 hours ___ CHEM 100 (2 hours) – General Chemistry ___ CHEM 101 (2 hours) – General Chemistry ___ CHEM 102 (2 hours) – General Chemistry ___ CHEM 103 (1 hour) – General Chemistry Laboratory ___ CHEM 104 (1 hour) – General Chemistry Laboratory
Microbiology – for science majors	Required – 4 hours ___ BISC 260 (4 hours) – Microbiology
Genetics – for science majors	Required – 3 hours ___ BISC 310 (3 hours) – Genetics
Anatomy and Physiology – for science majors	Required – 8 hours ___ BISC 225 (3 hours) – Human Anatomy and Physiology I ___ BISC 226 (1 hour) – Human Anatomy and Physiology I Laboratory ___ BISC 227 (3 hours) – Human Anatomy and Physiology II ___ BISC 228 (1 hour) – Human Anatomy and Physiology II Laboratory
Organic Chemistry OR Biochemistry – for science majors	Required - 4 hours ___ CHEM 351 (3 hours) – Biochemistry I ___ CHEM 353 (1 hour) – Biochemistry Laboratory OR ___ CHEM 250 (2 hours) – Organic Chemistry ___ CHEM 251 (2 hours) – Organic Chemistry ___ CHEM 253 (1 hour) – Organic Chemistry Laboratory
Statistics	Required – 3 hours ___ STAT 200 (3 hours) – Basic Statistics OR ___ AGSC 320 (3 hours) – Statistical Methods
Math	Required – 3 hours ___ MATH 101 (3 hours) – College Algebra OR ___ Other MATH courses higher than MATH 101 can be substituted
Behavioral Sciences	Required – 6 hours (any combination) ___ PSYC 102 (3 hours) – General Psychology ___ PSYC 202 (3 hours) – Advanced General Psychology ___ PSYC 204 (3 hours) – Educational Psychology ___ PSYC 205 (3 hours) – Child Psychology ___ PSYC 206 (3 hours) – Adolescent Psychology ___ PSYC 207 (3 hours) – Learning and Development ___ PSYC 218 (3 hours) – Fundamentals of Abnormal Psychology ___ SOC 201 (3 hours) – Introduction to Sociology ___ SOC 202 (3 hours) – Social Problems ___ SOC 280 (3 hours) – Sociology of Religion

	<p>___ SOC 308 (3 hours) – The Family</p> <p>OR</p> <p>___ Other PSYC and SOC courses can be substituted</p>
<p>Upper Level Biology Coursework</p>	<p>Required - 8 hours</p> <p>___ BISC 315 (3 hours) – Cell Biology</p> <p>___ BISC 320 (3 hours) – Animal Physiology</p> <p>___ BISC 341 (3 hours) – Hematology</p> <p>___ BISC 343 (4 hours) – Medical Microbiology and Immunology</p> <p>___ BISC 344 (4 hours) – Clinical Chemistry and Toxicology</p> <p>___ BISC 360 (3 hours) – Biological Problems</p> <p>___ BISC 402 (3 hours) – Immunology</p> <p>___ BISC 407 (3 hours) – Histology</p> <p>___ BISC 408 (3 hours) – Bacterial Genetics</p> <p>___ BISC 409 (3 hours) – Virology</p> <p>___ BISC 410 (3 hours) – Advanced Genetics</p> <p>___ BISC 411 (3 hours) – Developmental Biology</p> <p>___ BISC 463 (3 hours) – Cancer Biology</p> <p>___ CHEM 351 (3 hours) – Biochemistry I</p> <p>___ CHEM 353 (1 hour) – Biochemistry Laboratory</p> <p>**This biochemistry course may count as an upper level course if CHEM 250, 251, 253 were taken to meet the organic chemistry prerequisite as listed on page 1.</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>