

## Pre-Pharmacy Advising

Listed below are required and recommended courses for admission to the University of Louisiana—Monroe Doctor of Pharmacy Program (PharmD).

Admission to pharmacy school is competitive. Program requirements are determined by ULM. Most students choose to pursue a degree in Chemistry or Biology while they complete the 77 credit hours of prerequisite coursework. Prerequisites must be completed 10 years prior to application to the program.

<b>General Chemistry (for science majors)</b>	<b>Required – 8 hours</b> ___ CHEM 1017 (3 hours) – General Chemistry I: Eligible for MATH 1125 ___ CHEM 1007 (1 hour) – General Chemistry I Lab: Eligible for MATH 1125 ___ CHEM 1018 (3 hours) – General Chemistry II: C or better in CHEM 1017 ___ CHEM 1008 (1 hour) – General Chemistry II Lab: C or better in CHEM 1017 & 1007
<b>Organic Chemistry (for science majors)</b>	<b>Required – 8 hours</b> ___ CHEM 2217 (3 hours) – Organic Chemistry I: C or better in CHEM 1018 ___ CHEM 2017 (1 hour) – Organic Synthesis Lab I: C or better in CHEM 1018 & 1008 ___ CHEM 3218 (3 hours) – Organic Chemistry II: C or better in CHEM 2217 ___ CHEM 3018 (1 hour) – Organic Chemistry Lab II: C or better in CHEM 2017 & 2217
<b>Physics (for science majors)</b>	<b>Required – 4 hours</b> ___ PHYS 1031 (3 hours) – General Physics I: Credit in MATH 1116, 1126, 2107 or 2111 ___ PHYS 1033 (1 hour) – General Physics I Lab: Credit or registration in PHYS 1031
<b>Statistics</b>	<b>Required – 3 hours</b> ___ MATH 2314 (3 hours) – Elementary Statistical Methods: Credit in MATH 1115 or higher or 6 hours of college level mathematics
<b>English</b>	<b>Required – 6 hours</b> ___ ENGL 1157 (3 hours) – English Composition I: Minimum ACT English score of 18 ___ ENGL 1158 (3 hours) – English Composition II: Credit in ENGL 1157
<b>Math</b>	<b>Required – 3 hours</b> ___ MATH 2114 (4 hours) – Calculus I: C or better in MATH 1126
<b>Biochemistry (for science majors)</b>	<b>Required – 3 hours</b> ___ BIOS 4103 (3 hours) – Biochemistry I: C or better in BIOS 2114 & CHEM 2217
<b>Cell Biology or Cell Physiology (for science majors)</b>	<b>Required – 3 hours</b> ___ BIOS 2114 (4 hours) – Cell & Molecular Biology: C or better in BIOS 1083 & 1081, CHEM 1018 & 1008

<b>Microbiology (for science majors)</b>	<b>Required – 4 hours</b> ____ BIOS 2743 (3 hours) – Microbiology & Human Disease: C or better in BIOS 1083 & 1081 or BIOS 1303 & 1301 ____ BIOS 2741 (1 hour) – Microbiology & Human Disease Lab: C or better in BIOS 2743
<b>Anatomy and Physiology)</b>	<b>Required – 7 hours</b> ____ BIOS 1303 (3 hours) – Human Anatomy and Physiology I: Eligible for Math 1125 ____ BIOS 1301 (1 hour) – Human Anatomy and Physiology I Lab: Eligible for Math 1125 ____ BIOS 1313 (3 hours) – Human Anatomy and Physiology II: C or better in BIOS 1303
<b>Genetics (for science majors)</b>	<b>Required – 3 hours</b> ____ BIOS 3453 (3 hours) – Genetics: C or better in BIOS 2014 & 2114
<b>Social Sciences</b>	<b>Required – 3 hours</b> ____ Choose from Psychology, Geography, Political Science, Economics, Anthropology
<b>Humanities</b>	<b>Required – 3 hours</b> ____ Choose from Foreign Language, Philosophy, History, English Literature (2000+ level)
<b>Public Speaking</b>	<b>Required – 3 hours</b> ____ FTA 2650 (3 hours) – Oral Communications
<b>Economics</b>	<b>Required – 3 hours</b> ____ ECON 1203 (3 hours) – Principles of Microeconomics: Eligible for MATH 1115 & ENGL 1157
<b>Fine Arts</b>	<b>Required – 3 hours</b> ____ Choose from Fine Arts, Music, Film, and Theater

This information is subject to change. For current and complete application information, visit the ULM School of Pharmacy website at <http://www.ulm.edu/pharmacy/index.html>.