

**University of Arkansas for Medical Sciences College of Pharmacy**  
**Courses Satisfying Prepharmacy Requirements for Applicants for Fall 2008 and later**

Arkansas State University, State University/Jonesboro

2010-11 Catalog

<b>CORE Courses</b> Area/ semester hours required	<b>Courses</b> No more than 8 semester hours of CLEP, AP credit or credit by examination which must appear as credit on the transcript will be accepted to meet the CORE pre-pharmacy course requirements. It is recommended that CORE courses are taken during the regular academic year.
Mathematics – 3-5 hrs required	Math 2204 Calculus I
Chemistry – 16 hrs, 12 hrs lecture, 4 hrs lab	Chem 1013, 1011 Gen Chem I and lab Chem 1023, 1021 Gen Chem II and lab Chem 3103, 3101 Organic Chem I and lab Chem 3113, 3111 Organic Chem II and lab
Biology – 12 hrs, 9 hrs lecture, 3 hrs lab	Biol 1303,1301 Biol of Animals and lab Biol 1013, 1021(Biol 2013/2011) Biol of Cell and lab Biol 4104 Microbiology and lab
Physics – 4 hrs, 3 hrs lecture, 1 hr lab	Phys 2054 Physics I and lab
<b>NON-CORE Courses</b> Area/semester hours required	<b>Courses</b> No more than 12 semester hours of CLEP, AP credit, or credit by examination which must appear as credit on the transcript will be accepted to meet the NON-CORE pre-pharmacy course requirements.
English/Communication – 9 hrs	Choose from: Eng 1003 and/or 1013 Freshman English I and II Eng 2003 or higher, any course Scom 1203 Oral Communication
Economics/Accounting – 3 hrs	Choose from: Econ 2313 Prin Macroecon Econ 2323 Prin of Microecon Econ 2333 Econ Issues and Concepts Acct 2023 Fund Acct Concepts
Recommended Selectives – 9 hrs, minimum 3 classes	Choose from: Phil 1503 Logic and Pract Reasoning Math 2214 Calculus II Stat 3233 Applied Statistics Phys 2064 Gen Phys II and lab Chem 3054 Quantitative Analysis Biol 2203, 2201 Human Anat/Physiology I and lab Biol 2223, 2221 Human Anat/Physiology II and lab Biol 4133, 4131 Cell Biol and lab Biol 3013, 3011 Genetics and lab Chem 4243 Biochemistry
Humanities Electives (to total 69 hrs of pre-pharmacy)	Choose from: Survey courses in Art, Music, Theater, Literature, Philosophy, Religion, Foreign or Sign Language (Spanish is recommended if available), Psychology, Sociology, Anthropology, Geography, US or World History, Political Science or Ethics.

Courses which do not meet the Humanities Elective requirement are courses in: Health, Physical Education, Business, Science, Military Science, Education, Studio courses in Art, Music or Theater, Computer Science, Agriculture or any remedial course. No course can be used to satisfy the requirements in more than one area. It is recommended that all courses with a lab are taken in person rather than on-line or by distance education. University declared exemptions from certain courses, e.g. English Comp I and/or II, or other courses which may be pre-pharmacy requirements; do not mean the UAMS College of Pharmacy pre-pharmacy requirement has been satisfied. Admission to the College of Pharmacy requires sixty-nine hours of specific transfer credits and unless credits in semester hours are given on a transcript, students will still have to meet the pre-pharmacy requirements of transferable hours for admission to the College of Pharmacy. If you have questions about pre-pharmacy requirements, please contact the pre-pharmacy advisor on your campus or the UAMS College of Pharmacy Registrar's office (501-686-6499) or email: orearkathym@uams.edu