

**University of Arkansas for Medical Sciences College of Pharmacy**  
**Courses Satisfying Prepharmacy Requirements for Applicants for Fall 2008 and later**  
**University of Arkansas at Monticello, Monticello 2009-11 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 2255 Calculus I
Chemistry – 16 hrs, 12 hrs lecture, 4 hrs lab	Chem 1103,1121 Gen Chem I and lab Chem 1113,1131 Gen Chem II and lab Chem 3404 Organic Chem I and lab Chem 3414 Organic Chem II and lab
Biology – 12 hrs, 9 hrs lecture, 3 hrs lab	Biol 1053,1041 Prin Biol I and lab Biol 1083,1091 Prin Biol II and lab Biol 3553,3561 Microbiology and lab
Physics – 4 hrs, 3 hrs lecture, 1 hr lab	Phys 2203,2231 Gen 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 1013 and/or 1023 Fresh Comp I and II Eng 1033 or higher, any course Spch 1023 Public Speaking
Economics/Accounting – 3 hrs	Choose from: Econ 2203 Macroecon, Econ 2213 Microecon, or Acct 2213 Prin Accounting
Recommended Selectives – 9 hrs, minimum 3 classes	Choose from: Chem 3314 Quant Analysis Math 3495 Calculus II Math 3403 Probability and Statistics Phys 2213,2241 Gen Phys II and lab Phil 3523 Logic Chem 4633 Biochemistry I Biol 3574 Comp Anatomy Biol 4683 Pathophysiology Biol 3333 Molec Biology Biol 3354 Genetics Biol 3363 Cell Biology
Humanities Electives (to total 69 hrs of prepharmacy)	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