

**University of Arkansas for Medical Sciences College of Pharmacy
Pre-Pharmacy Requirements for Applicants for Fall 2008 and later
University of Arkansas, Fayetteville 2006-07 Catalog**

| | |
|--|---|
| CORE Courses Area/ semester hours required | Courses 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 2554 Calculus I |
| Chemistry – 16 hrs, 12 hrs lecture, 4 hrs lab | Chem 1103,1101 Unive Chem I and lab Chem 1121,1123 Univ Chem II and lab Chem 3601,3603 Organic Chem I and lab Chem 3611,3613 Organic Chem II and lab |
| Biology – 12 hrs, 9 hrs lecture, 3 hrs lab | Biol 1543,1541 Prin Biol and lab Biol 1603,1601 Prin Zoology and lab Biol 2013,2011 Gen Microbiology and lab |
| Physics – 4 hrs, 3 hrs lecture, 1 hr lab | Phys 2011,2013 College Physics I and lab |
| NON-CORE Courses Area/semester hours required | Courses 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 Comp I and II Eng 1213 or higher, any course Comm 1313 Fund of Communication |
| Economics/Accounting – 3 hrs | Choose from: Econ 2013 or 2023 Prin Micro or Macro Econ Econ 2143 Basic Economics WCOB 1023 Business Foundations |
| Recommended Electives – 9 hrs, minimum 3 classes | Choose from: Chem 2262,2272 Analytical Chem and lab Stat 2023 Biostatistics Math 2564 Calculus II Phys 2033,2031 Coll Physics II and lab Phil 2203 Logic Biol 2211, 2213 Human Physiology and lab Biol 2443/2441 Human Anatomy and lab Biol 2533,2531 Cell Biol and lab Biol 2323,2321 Gen Genetics and lab Chem 3813 Intro Biochemistry |
| 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. |

This form should only be used as a guide and not as an official document of program requirements. Students should also consult the school of their choice and the appropriate catalog of studies when making academic decision

No course can be used to satisfy the requirements in more than one area. No more than six hours of CLEP or credit by examination, which must appear as credit on the official transcript, will be accepted to meet the pre-pharmacy requirements. Courses which do not meet the Humanities Electives requirements are courses in: health, physical education, business, science, military science, education, computer courses, agriculture, studio courses in art, music or theater or remedial courses. All chemistry and biology courses must be courses for majors in that field. Physics courses do not have to be calculus based. If you have any questions about pre-pharmacy requirements, please contact Lorraine Brewer, UA pre-pharmacy advisor, or the UAMS College of Pharmacy Registrar's office: (501-686-6499) or E-mail: orearkathym@uams.edu

PROGRAM

The Doctor of Pharmacy program requires 65 hours of pre-professional coursework and 138 hours of professional coursework. The professional program consists of 8 semesters and will take 4 years to complete. The first three years are dedicated to classroom learning, with the fourth year devoted to 8 clerkships to gain professional experience. Classes begin each August.

SELECTION PROCESS

Class size is limited to a maximum of 75 students and application is competitive. Applicants must have a cumulative grade point average (CGPA) of 2.0 and at least a "C" in each prerequisite course. Students are encouraged to take the Pharmacy College Admission Test (PCAT) in October and/or January preceding the fall semester for which application is made.

Applicants will be ranked by CGPA and PCAT composite scores. The top 150 applicants will be invited for personal interviews.

| <u>Successful Applicants:</u> | <u>Fall 2000</u> | <u>Fall 2001</u> | <u>Fall 2002</u> | <u>Fall 2003</u> |
|-------------------------------|------------------|------------------|------------------|------------------|
| Average CGPA | 3.30 | 3.64 | 3.64 | 3.70 |
| Average PCAT | 70 | 83 | 86 | 87 |
| # Applicants | 149 | 201 | 230 | 234 |

WHEN TO APPLY

Deadline for complete application, including official transcripts from all colleges attended, is February 1. All communications regarding entrance for professional studies in pharmacy at the University of Arkansas for Medical Sciences may be addressed to:

Registrar
College of Pharmacy- Slot 522
University of Arkansas for Medical Sciences
4301 West Markham
Little Rock, AR 72205-7122

Additional information about application procedures can be found on the UAMS College of Pharmacy website: www.uams.edu/cop

UNIVERSITY OF ARKANSAS PRE-PHARMACY ADVISOR:

Lorraine Brewer
Department of Chemistry and Biochemistry
CHEM 130
Fayetteville, AR 72701

Phone: Office (479) 575-3103
Fax: (479) 575-4049
E-mail: lobrewer@uark.edu